Lancaster Farming

VOL. 28 No. 8 | Three Sections | Lancaster Farming, Friday, December 24, 1982 | $7.50 per year

Merry Christmas

From the Staff at Lancaster Farming

Livestock market and auction news

Lancaster Market

Monday, Dec. 20
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	778	132	760	615
Last Monday	841	124	586	433
Last Year	658	159	1363	152
Monday's Auction	849	139	798	641
Last Monday's Auction	643	121	627	512

CATTLE: Compared to last Monday slaughter steers unevenly steady; slaughter heifers fully steady; cows 2.00-3.00 higher; bullocks firm to 1.00 higher; bulls firm to 1.00 higher. Supply included 51% slaughter steers, 14% heifers, 23% cows, and 12% bulls.

SLAUGHTER STEERS: High Choice and Prime 3-4 1175-1400 lb. 60.50-62.25; Good and Choice 1-2 1100-1350 lb. 61.50-62.35; Choice 2-4 1000-1350 lb. 59.10-61.00; high Good and low Choice 2-3 57.00-59.50; Good 2-3 55.00-57.50; Good and Choice 1200-1375 lb. Holsteins 50.50-51.50; Standard 1-2 49.00-51.00.

SLAUGHTER HEIFERS: Choice 2-3 850-1050 lb. 54.00-57.50, few yield grade 2 57.50-59.00; Good 2-3 800-1050 lb. 50.00-54.75.

COWS: Utility and Commercial 1-3 39.50-43.00, few high dressing Utility 44.00-48.00; Commercial 3-4 38.00-40.00; Cutter 1-2 38.00-41.00; Canner and low Cutter 35.50-37.50.

BULLOCKS: Choice 1000-1275 lb. 58.75-60.50, couple 60.75-61.25; Good 1000-1250 lb. 51.00-55.00.

BULLS: Yield grade 1 1300-1900 lb. 51.50-56.00, few 57.00-61.00; yield grade 2 1000-1350 lb. 46.50-51.00.

VEAL CALVES: Vealers mostly steady, although Choice not fully tested.

VEALERS: Few Prime special fed 280-350 lb. 118.00-121.00; few Choice 150-250 lb. 85.00-100.00; high Good and low Choice 160-280 lb. 60.00-80.00, 115-160 lb. 55.00-70.00, 80-115 lb. 44.00-53.00.

SHEEP: Wooled lambs mostly steady; slaughter ewes fully steady. Supply included about 150 head 25-70 lb. new crop lambs.

WOOLED LAMBS: Choice and Prime 80-110 lb. 52.00-58.00; Choice 70-105 lb. 49.00-53.00; one lot Choice 130 lb. 46.50; Good 50-90 lb. 43.00-50.00.

NEW CROP LAMBS: Choice 25-40 lb. 175.00-210.00, few 210.00-230.00; Choice 40-60 lb. 150.00-180.00; few Good 30-70 lb. 10.00-150.00.

SLAUGHTER EWES: Utility and Good 12.00-29.00, mainly 15.00-24.00.

Vintage Auction

Tuesday, Dec. 21
Report supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	762	806	14	8
Last Tuesday	919	843	26	0
Last Year	931	866	12	

CALVES: Compared to last Tuesday slaughter steers 50-1.50 higher; slaughter heifers not fully tested; cows 1.50-3.00 higher; bulls 1.00-2.00 higher. Supply included 39 percent slaughter steers and 50 percent cows.

SLAUGHTER STEERS: Few high Choice and Prime 3-4 1150-1350 lb. 63.25-64.75; Good and Choice 1-2 63.00-64.75; Choice 2-4 1000-1425 lb. 60.25-63.00; high Good and low Choice 2-3 1000-1375 lb. 57.50-60.00, couple 60.00-61.00; Good 2-3 54.00-57.00; Good and Choice 1335-1375 lb. Holsteins 50.50-53.50; Standard 1-2 45.50-51.00.

COWS: Utility and Commercial 1-3 39.00-41.50, few 41.50-42.75, Cutter 1-2 38.25-40.50, few 40.50-42.00; Canner and low Cutter 35.00-36.75.

BULLS: Yield grade 1 1350-1900 lb. 51.00-54.85, individual 1420 lb. 58.25; yield grade 2 1050-1400 lb. 45.00-52.00, individual 2095 lb. 49.60.

VEAL CALVES: Vealers steady to weak. Supply included 532 in graded sale of which 69 percent sold to return to farm.

VEALERS: Couple Choice 180-200 lb. 96.00-103.00; high Good and low Choice 140-200 lb. 70.00-85.00, 115-140 lb. 53.00-70.00, 80-115 lb. 45.50-53.00, 60-75 lb. 40.00-47.50.

RETURNED TO FARM: 15 head 100-115 lb. Holstein heifers 73.00-88.00; 46 head 90-110 lb. 55.00-66.00. 31 head 120-125 lb. Holstein bulls 77.50; 156 head 100-115 lb. 82.50-84.50; 43 head 90-95 lb. 76.50-77.50; 18 head small frame 100-115 lb. 74.00-75.00 and 59 head 100-105 lb. 51.50-53.50.

SHEEP: Insufficient volume for a market test; few head Choice 60-70 lb. wooled lambs 56.00-61.00; couple Utility slaughter ewes 13.00-21.00.

GOATS: All goats sold by the head, mainly 29.00-44.00.

Lancaster Auction

Wednesday, Dec. 22
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	91	22	535	10
Last Wednesday	445	25	635	16
Last Year	48	14	269	0
Wednesday's Auction	92	22	441	10
Last Wednesday's Auction	217	31	635	111

CATTLE: Insufficient volume for a market test; few sales steers, heifers and cows fully steady.

SLAUGHTER STEERS: Few sales Good and Choice 1-2 1100-1390 lb. 61.35-63.35; few Choice 2-3 1100-1225 lb. 60.75-62.10.

SLAUGHTER HEIFERS: Few Good and Choice 2-3 850-1050 lb. 52.00-54.75.

COWS: Cutter 1-2 38.00-40.50; couple Utility 1-3 40.25-41.25; Canner and low Cutter 36.00-38.25.

VEAL CALVES: Few high Good and low Choice 80-115 lb. 40.00-50.00.

SHEEP: No market test; one lot Good 80 lb. wooled lambs 40.00.

Lancaster Feeder Cattle

Friday, Dec. 17
Report supplied by USDA

Today	853
Last Friday	478
Last Year	487

TREND: Insufficient volume in recent weeks for a market test. Demand good for 523 in graded sale, sold in lots of 10 or more; but no more than fair for balance of supply sold mainly in lots of three or less.

FEEDER STEERS: Medium Frame 1: One lot 480 lb. 61.25; couple lots 545-555 lb. 63.00-63.25; couple lots 625-640 lb. 56.00-57.75. Large Frame 1: All one string, one lot 775 lb. 65.25, couple lots 880-925 lb. 62.75-63.00 and one lot 1030 lb. 60.50. Medium and Large Frame 1: One lot 490 lb. 57.00; one lot 640 lb. 58.00; one lot 920 lb. 57.35. Small and Medium Frame 1: One lot 410 lb. 50.75. Large Frame 1-2: One lot 850 lb. 60.50; one lot 495 lb. 56.75. Large Frame 2: One lot 820 lb. 52.50. Large Farme 2 Holsteins: One lot 910 lb. 43.10.

FEEDER HEIFERS: Large Frame 1: Several lots 460-860 lb. 52.25-54.25; one lot 925 lb. 51.50. Medium and Large Frame 1: One lot 450 lb. 46.75. Large Farme 1-2 One lot 370 lb. 48.50.

FEEDER STEERS AND BULLS: Medium Frame 1: One lot 460 lb. 46.00. Large Frame 1: One lot 444 lb. 43.75. Large Frame 1-2: Couple lots 340-480 lb. 52.00-52.50.

FEEDER BULLS: Medium Frame 1: Couple lots 500-510 lb. 52.50-55.10. Large Frame 1: One Lot 565 lb. 58.25.

New Holland Horse

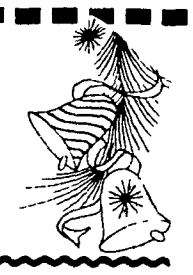
New Holland Sales Stables
Monday, Dec. 20
Report supplied by auction

Reported receipts of 165 head of horses, mules, and ponies. Market: steady.

Local Better horses 500.00-725.00; Driving horses 375.00-700.00; Riding horses 325.00-450.00; Lightweight killers 325.00-450.00; Heavyweight killers 475.00-535.00; Mare Ponies 20.00-65.00; Colts 15.00-25.00; Geldings 20.00-65.00; Larger ponies 75.00-140.00.

NOËL

Ringing out wishes for good cheer, and our thanks for letting us serve you.



Open 24 hours a day

365 days a year

(717) 394-2611

AUCTIONS

MONDAY & WEDNESDAY
10:00 A.M. — Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M. — Veal Calves, Lambs, Hogs
TUESDAY
10:00 A.M. — Slaughter Hogs
1:00 P.M. — Feeder Pigs
FRIDAY
11:00 A.M. — Stocker and Feeder Cattle
SATURDAY
9:30 A.M. — Slaughter Hogs

HOLIDAY SCHEDULE

Lancaster Stockyards will be closed for business Christmas and New Years Day. Livestock arriving at the Yards will be fed and watered as usual.

LANCASTER STOCKYARDS, INC.
1147 Lititz Pike
Lancaster, Pennsylvania 17601

Serving The Community For 86 Years

HAY, STRAW & CORN — SALE —
Every Friday at 12 Noon

GREEN DRAGON MARKET & AUCTION
RD No. 4 Ephrata, Pa. 717-733-2334
1 mile North of Ephrata on N. State St.
Out of State Buyers - Cash or Certified Check Only.

VINTAGE SALES STABLES, INC.

Sale Every Tuesday
11 A.M.
Slaughter Cattle Auction - Steers, Bulls, Heifers, Cows, Feeder Cattle.

Get calves in early. We start to grade and weigh at 2:00.

Sale Every Wednesday & Saturday
9 A.M.
Hog Sale

Hay and Straw Sales
Will Start Nov. 18 at 1:00 P.M.
Every Thursday thereafter

Business Phone
717-768-8204
Home Phone
215-458-8518

L. Robert Frame, Manager
Box 100 Paradise, PA
10 miles East of Lancaster on Rt. 30

LEBANON VALLEY LIVESTOCK MARKET, INC.
1 mile East of Fredericksburg along Route 22
PHONE: JONESTOWN 865-2881
Sale every Tuesday at 1.30 P M. starting with feeder cattle and pigs.
Also Hay Sale every Tuesday at 12:30.

CHRISTMAS

At this time of year when our minds are especially occupied with the thoughts of gifts, may we take time to realize that we have the greatest gift of all to share with the world, the message of Life, Peace and Joy, available to all through our Lord Jesus Christ.

B&R CATTLE CO.
John Bowman Ron Ranck
RD 1, Marietta, PA
Office Phone: (717) 653-8164

NEW HOLLAND AUCTIONS — The Action Auction makes the difference in marketing livestock!

NEW HOLLAND — make the difference in auctions!

MONDAY'S AUCTION
8:00 A.M. - Fat Hogs
10:00 A.M. - Horse Sale
11:00 A.M. - Hay, Straw & Ear Corn
1:30 P.M. - Fat Steers, Bulls, Cows & Veal
WEDNESDAY'S AUCTION
12:00 Noon - Dairy sale
1:30 P.M. - Feeder Pig Sale
THURSDAY'S AUCTION
11:00 A.M. - Beef Sale
Order of Sale, Bulls, Fat Steers, Cows, Veal
3:30 P.M. - Calf Sale

NEW HOLLAND SALES STABLES INC.
New Holland, PA
Abram W. Diffenbach, Manager
Phone 717-354-4341

Hog Markets

Lancaster Feeder Pigs

Tuesday, Dec. 21
Report supplied by USDA

Today	880
Last Tuesday	1181
Last Year	1313

TREND: Compared to last Tuesday feeder pigs firm, instances 5.00 higher on 30-50 lb. US 1-2. All pigs wieghed on arrival and sold by the hundred weight.

US 1-2: 50 head 30-39 lbs. 130.00-144.00; 383 head 40-49 lbs. 120.00-143.00; 90 head 50-59 lbs. 120.00-132.00; 53 head 60-65 lbs. 91.00-109.00.

US 2-3: 15 head 32-34 lb. 120.00-132.00; 37 head 40-49 lb. 105.00-121.00; 77 head 50-59 lb. 90.00-111.00.

New Holland Hogs

Monday, Dec. 20
Report supplied by USDA

Today	1822
Last Monday	1772
Last Year	1478

TREND: Compared to last Monday barrows and gilts 1.00-2.50 higher, bulk 2.00-2.50 higher.

BARROWS AND GILTS: US 1-2 205-245 lb. Bulk 60.50-61.60, Few early sales and few late sales 59.75-60.50. US 1 205-245 lb. 61.50-62.75. US 1-3 205-260 lb. Bulk 59.75-60.50, Few early sales and few late sales 59.00-59.75, 190-205 lb. 57.50-59.50.

Indianapolis Hogs

Wednesday, Dec. 22
Report supplied by USDA

500 (Fell 300 short of estimated 800) 800 - Barrows & gilts active, steady-50 higher. US 1-2 210-245 lb. 57.00-57.25.

SOWS: Not adequately tested. (2%) US 1-3 Small lot 590 lb. 48.50. US 3 Package 530 lb. 45.00.

BOARS: Lot near 240 lb. 48.00; over 300 lb. 40.00-41.00.

St. Louis Hogs

Wednesday, Dec. 22
Report supplied by USDA

4500 - Barrows & gilts fairly active, steady-50 higher. US 1-2 200-240 lb. 56.50-57.00, 240-250 lb. 56.00-56.50. US 1-3 230-250 lb. 55.00-56.50; 250-270 lb. 54.00-55.00.

SOWS: Steady-50 higher. (About 8%) US 1-3 300-500 lb. 45.00; 500-650 lb. 45.50-48.00.

BOARS: Over 260 lb. 43.00; 200-260 lb. 49.50.

Lancaster Hogs

Monday, Dec. 20
Report supplied by USDA

HOGS: Barrows and gilts 1.00-1.50 higher.

BARROWS AND GILTS: US 1-2 205-245 lb. 58.85-60.00. US 1 205-250 lb. 60.50-61.50, Few Selected 62.00-62.75. US 1-3 200-260 lb. 57.85-59.10.

Tuesday, Dec. 21

TODAY	371
LAST TUESDAY	420
LAST YEAR	459

TREND: Compared to Monday barrows and gilts 1.50-2.00 lower.

BARROWS AND GILTS: US 1-2 200-250 lb. 57.00-57.75. US 1 205-245 lb. 58.25-59.00, Few 59.00-59.75. US 1-3 230-265 lb. 56.50-57.00.

Wednesday, Dec. 22

HOGS: Compared to Tuesday barrows and gilts steady to 50 higher.

BARROWS AND GILTS: US 1-2 210-245 lb. 57.50-58.00, Few 58.00-58.25. US 1 210-245 lb. 59.00-60.00. US 1-2 180-205 lb. 54.25-55.35. US 1-3 220-265 lb. 56.50-57.50.

Peoria Hogs

Wednesday, Dec. 22
Report supplied by USDA

2000 - Barrows & gilts active, 50-1.00 higher. US 1-2 200-240 lb. 57.00-57.50, 45 head 58.00. US 1-3 200-250 lb. 56.00-57.00.

SOWS: Under 500 lb. steady-50 lower, over 500 lb. steady-firm. (19%) US 1-3 350-500 lb. 45.50-46.00, 500-650 lb. 46.50-47.00, few 47.50.

BOARS: Over 350 lb. 42.50; under 350 lb. 40.00-50.50.

Lancaster Hogs

Lancaster Stockyards
Saturday, Dec. 18
Report supplied by auction

1080 head.

US #1 215-240 lbs. 60.50-63.50, few 63.75-64.10. U.S. 1 & 2 215-245 lbs. 59.50-60.25; U.S. 2 & 3 210-255 lbs. 58.50-59.25; Heavyweights 260-276 lbs. 58.25-61.00; Sows 350 lbs. and up 47.50-52.00; Boars 200-300 lbs. 52.00-52.50, 300 lbs. and up 42.00-43.50.

Oklahoma Cattle

Wednesday, Dec. 22
Report supplied by USDA

Estimated Receipts	1600
Same Day Last Week	10,351

Feeder Steers 1.00 lower; Feeder Heifers under 500 lb. 1.00 lower; over 500 lb. uneven, averaging steady. Feeder demand fair. Bulk supply Medium Frame 1 and Mixed 1-2 300-600 lb. Feeder Steers and Heifers.

FEEDER STEERS: Medium, few large frame 1 290 lb. thin 71.25; 325-500 lb. 66.00-72.00, mostly 67.75-71.00; 500-600 lb. 64.00-68.50; 600-700 lb. 61.80-63.80, lot 775 lb. 62.80; pkg. fleshy 735 lb. 60.40. Small frame 1 280 lb. 67.00; 475-600 lb. 59.80-60.25. Medium and Large Frame 1-2 290-320 lbs. 65.20-66.50; 550-600 lb. 60.25-64.00; 715 lb. 61.20; 865-890 lb. 57.50-57.90; 910 lb. 56.70; 1020 lb. 54.10. Large Frame 2 400-450 lbs. 55.50-57.75. Large Frame 2 Holsteins 765 lbs. 51.30; 1005 lb. fleshy 47.30; 1205 lbs. in Good Slaughter flesh 45.25.

FEEDER HEIFERS: Medium, few Large Frame 1 275-400 lbs. 56.20-58.50; 400-500 lbs. 53.90-57.10; 500-675 lbs. 53.10-56.40, lot 590 lbs. 58.60, lot 740 lbs. 58.30, short load very fleshy 810 lb. 50.90. Medium and Large Frame Mixed 1-2 350-500 lbs. 51.00-55.00; 500-650 lbs. 52.00-54.00. Medium and Large Frame 2 300-700 lbs. 48.00-52.00.

FOR THE WEEK: Feeder Steers under 600 lb. steady; over 600 lb. steady to 1.00 lower with numbers limited throughout the week. Feeder Heifers steady. Slaughter Cows steady to 50 cents lower. Utility and Commercial 2-3 34.40-37.80. Cutter 1-2 33.00-37.00. Canner and low cutter 26.00-33.00 several 29.00-32.00. Bulls 1.00-2.00 lower. YG 1 few 2 1500-1850 lbs. 47.00-50.00; 1200-1500 lbs. 42.00-47.00 few high dressing 47.00-50.00. Salable receipts estimated at 6400 head this holiday week; last weeks actual count 16,040; the comparable week one year ago 1267 head. Feeder Cattle and Calves made up 82 percent of the run; Cows and Bulls comprised large share of the remaining 18 percent.

Carlisle Auction

Carlisle, Pa.
Tuesday, Dec. 21
Report supplied by auction

CATTLE: Steers were steady; Heifers were steady; Cows were 1.00 higher; Bulls were steady to .50 higher! Steers: No Choice offered; Good 53.00-55.50; Standard 47.00-49.25; Utility 46.50 Down. Heifers: No Choice offered; Low Good 52.75; Standard 48.50; Utility 46.00 Down. Cows: Large run. Utility & Commercial 38.00-41.10; Cutter 35.85-39.00; Canner & Low Cutter 33.25-36.00; Shells 30.50 Down. Bullocks: Standard 48.10 (Few offered) Bulls: No Yield Grad No. 1's; Yield No. 2, 47.50-48.50.

FEEDER CATTLE: Steers were steady; Heifers were steady; Bulls were steady to 3.00 higher. Steers: 360-455 lbs. 43.00-47.00; Medium 290-395 lbs. 40.00-42.00; Medium 510-600 lbs. 41.00-44.00; 500-717 lbs. 36.00-36.50. Heifers: 670-695 lbs. 42.00-44.50. Bulls: 530 lbs. Good 47.00.

CALVES: Vealers were 8.00 lower; Back to Farm Calves were steady with last week's prices. Vealers: Choice 75.00-85.00; Good 65.00-75.00; Standard & Good 55.00-65.00.

HOGS: 1.25 higher; US No. 1-2, 54.25-58.00; US No. 1-3, 51.00-54.50; US No. 2-3 45.00-50.50. Sows: US No. 1-3 45.00-51.00; US No. 2 & 3 42.00-47.00. Boars: 40.00-40.75.

FEEDER PIGS: US No. 1-3 25-35 lbs. 35.00-40.00 Hd. No. 1-3 40-55 lbs 44.00-57.00 Hd.

LAMBS: Good 49.00-53.00; Utility 40.00-47.00. Goats: 25.00-41.00 hd.

U.S. Inspected Livestock Slaughter

Wednesday, Dec. 22
Report supplied by USDA **Estimated Daily Livestock Slaughter Under Federal Inspection**

	CATTLE	CALVES	HOGS	SHEEP
This Week	385,000	36,000	908,000	70,000
Last Week	396,000	35,000	918,000	71,000
Last Year	368,000	31,000	1,019,000	72,000

Market courtesy of USDA.

Chicago Grain Futures

(Closing Bids as of Wednesday, Dec. 22)

	Corn	Wheat	Soybeans	Soybean Meal
Jan.			5.64¼	
Mar.	2.41¾	3.33¾	5.73¾	173.30
May	2.49¾	3.39¾	5.82	174.20
July	2.53¾	3.34¼		174.90

Trend - Corn is steady, Wheat is lower, Soybeans are lower, Soybean Meal is lower.

Market Provided by Commodity Department
Dean Witter Reynolds, Inc.

Futures Trading

(Closing Bids as of Wednesday, Dec. 22)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes
Feb.	58.40	57.15	
Apr.	59.35	54.60	6.64
June	60.91	55.97	

Trend - Cattle are higher, Hogs are lower. Potatoes are steady.

Market Provided
by Commodity Department
Dean Witter Reynolds, Inc.

NOTICE: HOG SALE

SATURDAY, JANUARY 1, 1983 - 10 A.M.

You Have A Choice

If you miss Monday, there is always Wednesday

Today, as in the past, Walter M. Dunlap and Sons offers all cattle feeders the choice of what day to market their fat cattle.

Either Monday or Wednesday, we will advise you to the best of our ability what day that week we think is most advantageous to you.

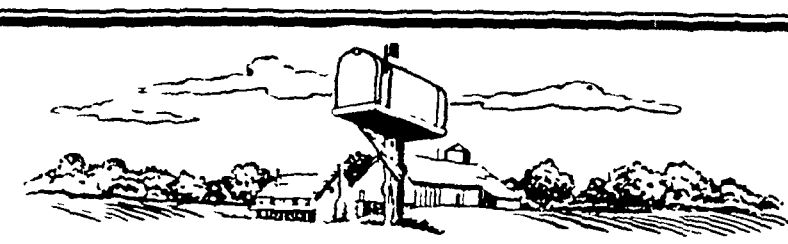
So, Monday or Wednesday, you have a choice. Give us a call for market conditions and honest advice.

NEXT FEEDER PIG SALE
Tuesday, December 28 at 1 P.M.

Walter M. Dunlap and Sons

Lancaster Stockyards
Tel. (717) 397-5136

An Old Line Commission Firm
Keeping Abreast With The Times



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On the cover: Sixteen members of the Logansville Community 4-H Club in York County braved low temperatures and sleet to help create this living nativity scene by taking half-hour shifts each, for two nights last week. The re-enactment of the manger scene was viewed by almost 2,000 visitors.

Poultry Markets

Nest Run Eggs

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification	Net Weight Per Case	Dec. 21 Tuesday
Class 1 - Large	48 lbs.	60
Class 2 - Large	45 lbs.	52
Class 3 - Medium	42 lbs.	44½
Class 4 - Small	39 lbs.	31
Breaking Stock	48 lbs.	39½
Checks	48 lbs.	34½

Weekly New York Egg Market

From Friday, Dec. 17 to Dec. 22

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	77	78	81	81	
Ex Large	74	75	78	78	
Large	71	72	75	75	
Mediums	59	60	62	62	
Pullets	45	45	45	45	
BROWN					
Jumbo	–	–	–	–	–
Ex Large	87	88	90	90	
Large	82	83	85	85	
Mediums	61	61	62	62	
Pullets					
Peewees	Unquoted				
Off Grade					
Large	60	61	64	64	
Checks	28	28	29	29	

N. E. Weekly Shell Egg Report

Tuesday, Dec. 21
Report supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
MASS.X	92-95	89-92	73-78	47-53
Mostly	93	90	76	51
N. HAMP.	87-93	84-90	68-74	42-48
Mostly	89-92	86-89	70-73	44-47
R.I.	87-90	84-87	69-72	44-47
Mostly	84-86	81-83	67-68	42-45
VERMONT	92-1.00	89-97	73-88	–
Mostly	93-94	91-92	75-77	–
MAINE	94-98	91-95	88-92	49-50

X Includes Central and Western Sections only.

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Heinsey's Poultry Market

Root's, East Petersburg
Tuesday, Dec. 21
Report supplied by auction

MUSCOVY DUCKS, DRAKES: range .60-.82 per lb.

MUSCOVY DUCKS, HENS: range .46-.68 per lb.

PEKIN DUCKS: range .40-.52 per lb.

PULLETS: 7-9 lbs. range .32-.34 per lb.

RED FOWL: 4-5 lbs. range .12-.18 per lb.

RED FOWL: 5-6 lbs. range .20-.32 per lb.

CROSSBRED FOWL: 5-9 lbs. range .22-.34 per lb.

CROSSBRED ROOSTERS: 4-6 lbs. range .25-.72 per lb.

CROSSBRED ROOSTERS: 7-12 lbs. range .17-.58 per lb.

GUINEA FOWL: range 1.05-1.24 per lb.

BANTY ROOSTERS: range 1.25-2.75 ea.

BANTY HENS: range .50-1.25 ea.

LEGHORN ROOSTERS: range .20-.28 per lb.

LEGHORN HENS: range .06-.10 lb.

CAPON: 9-12 lb. range .60-.78 per lb.

GEESE: 7-16 lbs. range .20-.82 per lb.

TURKEYS: 16-37 lbs. range .26-.32 per lb.

PIGEONS: range 1.00-1.45 ea.

WHITE PIGEONS: range 1.10-2.00 ea.

RABBITS: 4-6 lbs. range .60-1.08 per lb.

RABBITS: 7-11 lbs. range .46-.84 per lb.

GUINEA PIGS: range .25-1.00 ea.

GOATS: range 21.00-45.00 ea.

KID GOATS: range 20.00-31.00 ea.

TOTAL AMOUNT COOPS: 934.

New York Multiple Drop Broiler Report

Wednesday, Dec. 22
Report supplied by USDA

Current broiler/fryer negotiated prices for immediate delivery includes mostly multiple-drop shipments to New York City from Delmarva.

RANGE: U.S. Grade A 44-47; 1,420 boxes; Branded U.S. Grade A 47-47½; 9,601 boxes.

WTD. AVG.: U.S. Grade A 45.65; Branded U.S. Grade A 47.08.

Eastern Pa. & N.J. Poultry

Wednesday, Dec. 22
Report supplied by USDA

Light Type Hens: 7½-8, mostly 8 prices paid at farm.

F.O.B. plant: 10-11, mostly 10.

Heavy Type Hens: TFTR.

Delmarva Poultry
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Delmarva Poultry

Wednesday, Dec. 22
Report supplied by USDA

Today's L.T.L. asking prices are steady on U.S. Grade A at 44-47½ cents.

Estimated slaughter of broiler fryers in Delmarva (000).

Estimated 12/22 1,752; Actual 12/15 1,605; Actual 12/20 1,647; Average Weights 12/20 4.32; 12/16 4.15.

Philadelphia Eggs

Wednesday, Dec. 22
Report supplied by USDA

Prices to retailers: Sales to volume buyers, consumer grades white eggs in cartons delivered store door:

A Extra Large 67½-74; A Large 65½-70; A Medium 53-59.

Dewart Livestock

Dewart, Pa.
Monday, Dec. 20
Report supplied by PDA

CATTLE 209: Compared with last Monday's market, slaughter cows 1.00-2.00 higher. Few Choice Yield grade 2-4 1000-1230 lbs. slaughter steers 55.75-59.50, Good 49.50-55.75, Few Standard 47.00-50.75. Choice slaughter heifers 53.25-57.75, Few Good 47.50-54.00. Utility & Commercial slaughter cows 38.00-41.60, few 44.75, Cutters 36.25-39.00, Canner & Low Cutter 33.25-36.25, Shells down to 30.00. Two Good slaughter bullocks 51.50 & 52.25. Few Yield grade #1 890-1400 slaughter bulls 45.75-49.00.

CALVES 257: Few Good & Low Choice vealers 71.00-79.00, Standard & Good 110-125 lbs. 55.00-65.00, 70-105 lbs. 42.00-50.00, Utility 50-80 lbs. 30.00-40.00. Farm calves, holstein bulls, 90-130 lbs. 54.00-74.00, couple 80.00.

HOGS 295: Barrows and gilts 1.20-1.75 higher. US No. 1-2 200-235 lbs. barrows and gilts 58.10-59.00, No. 1-3 210-260 lbs. 56.35-58.00. US No. 1-3 300-650 lbs. sows 44.00-49.00, few 51.50. Boars 40.00-45.50.

FEEDER PIGS 245: US No. 1-3 20-35 lbs. feeder pigs 31.00-40.00 per head, No. 1-3 35-50 lbs. 39.00-45.00, No. 1-3 55-70 lbs. 46.00-53.50 per head.

SHEEP 51: Choice 75-120 wooled slaughter lambs 45.00-53.00. Few slaughter ewes 13.00-18.50.

Shenandoah Valley Livestock

Harrisonburg, Va.
Saturday, Dec. 18
Report supplied by auction

FEEDER CATTLE: Trend-Bulls & Steers- steady. Feeder heifers- 4.00 higher. Steers: M&L-1 300-500 lbs. 52.00-64.50; 500-700 lbs. 52.00-60.50; 700-1000 lbs. 52.50-57.75; Holstein 300-1000 lbs. 40.00-47.50. S-1&M&L-2 300-500 lbs. 48.00-56.00; 500-700 lbs. 49.00-54.50. Feeder Bulls: M&L-1 300-500 lbs. 51.00-53.50; 500-700 lbs. 45.00-50.50; 700-1000 lbs. 44.00-50.50. S-1&M&L-2 300-500 lbs. 42.00-46.00; 500-700 lbs. 36.50-41.00. Heifers: M&L-1 300-500 lbs. 40.00-48.00; 500-700 lbs. 42.00-48.50. S-1&M&L-2 300-500 lbs. 35.00-43.00; 500-700 lbs. 39.00-43.00. Stock Cows: Baby Calves 27.50-67.50.

SLAUGHTER CATTLE: Steers-Choice 2-4 55.75-56.75; Good 2-3 56.50-57.25.

SLAUGHTER COWS: Trend-3.00 higher. Utility & Commercial 2-4 32.00-39.25; Canner & Cutters 1-3 26.75-33.00.

SLAUGHTER BULLS 1&2: 39.50-51.00.

LAMBS: Trend- .50 higher. High Choice & Prime 51.50; Choice 49.00; Feeder Lambs Choice 49.00-50.00; Slaughter Ewes 10.00-18.50; Head Ewes 28.00-35.00.

HOGS: US 1-3 200-240 lbs. 55.00; Sows 1-3 46.00-50.25; Boars 36.00.

VEAL: Choice & Prime 57.00-64.00; Good 53.00-59.00.

SLAUGHTER CALVES: Choice 49.00-55.00.

G&M Livestock

Monday, Dec. 20
Duncansville, Pa.
Report supplied by auction

STEERS: High Choice and Prime 58.00-60.20; Good to Choice 54.00-58.00; Standard to Good 48.00-54.00.

HEIFERS: High Choice and Prime 54.00-58.00; Good to Choice 50.00-54.00; Standard 42.00-50.00.

FEEDER STEERS: Good to Choice 300-600 lbs. 48.00-58.00.

BULLS: 1100-1800 lbs. 48.00-54.50; 900-1100 lbs. 45.00-52.00.

COWS: High Choice to Prime 42.00-44.00, couple to 46.00-48.00; Good 40.00-48.00; Utility 38.00-40.00; Cutters 34.00-58.00; Canners 30.00-34.00.

CALVES: High Choice none offered; Good to Choice 70.00-85.00; Standard to Good 50.00-70.00. Utility 30.00-50.00.

HOGS: 200-240 lbs. 56.00-59.85.

SOWS: 50.00-54.50.

BOARS: 39.00-46.50.

LAMBS: 48.50-50.00.

SHEEP: 12.00-22.00.

GOATS: 15.00-38.00.

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Livestock market and auction news

Hay Markets

Regional Hay
Monday, Dec. 20
Report supplied by PDA
(All hay No. 2 and better, prices paid by the dealers at the farm and per ton.)
Hay & Straw steady.
Alfalfa 100.00-130.00; Mixed hay 80.00-100.00; Timothy hay 75.00-90.00; Straw 50.00-60.00, few 70.00; Mulch 25.00-40.00.

Green Dragon Hay
Ephrata, Pa.
Friday, Dec. 17
Report supplied by PDA
72 loads hay and 20 loads straw.
Alfalfa 85.00-140.00; Mixed hay 70.00-112.00, one load 135.00; Timothy hay 79.00-95.00; Clover - one load 94.00; Grass - one load 84.00; Straw 64.00-91.00; Ear Corn 8 loads 80.00-91.00, one load 69.00; Corn Fodder 5 loads 35.00-63.00; Oats, one load 2.00 per bushel.

Belleville Hay
Belleville, Pa.
Wednesday, Dec. 15
Report supplied by PDA
27 loads hay and 2 loads straw
Alfalfa 87.50-112.50; Mixed hay 59.00-93.00 one load 120.00; Clover 2 loads 83.00 & 100.00; Straw 2 loads 61.00 & 67.00.

Keister's Hay Market
Wednesday, Dec. 22
23 loads of hay.
Timothy, 60-85; Mixed Hay, 88-115; Alfalfa, 95-132.50; Straw, 62-67; Ear Corn, 79.

New Wilmington Hay
New Wilmington, PA
Friday, Dec. 17
Report supplied by PDA
49 loads hay and 11 loads straw
Alfalfa 90.00-155.00, one load 200.00; Timothy hay 82.50-100.00, one load 110.00; Straw 52.50-65.00; Oats, 4 loads 1.55-2.05 per bushel; Mixed hay 80.00-102.50, one load 117.50; Clover, one load 92.50; Ear Corn, one load 75.00.

Leinbach Hay
Wednesday, Dec. 22
23 loads
Alfalfa 109.00-135.00; Mixed hay 62.00-111.00; Grass hay 102.00; Corn fodder 41.00; Straw 54.00-61.00, Wood 25.00-35.00.

Hagerstown Hay
Hagerstown, Md.
Wednesday, Dec. 15
Report supplied by auction
41 loads. (Weekly sale to begin in January.) Next sale, Jan. 5.
Alfalfa 90.00-184.00; Alfalfa & Grass 103.00-140.00; Clover & Timothy 92.00-120.00; Clover 113.00; Timothy 100.00-125.00; Orchardgrass 110.00; Straw 53.00; Corn Fodder 21.00-50.00; Wood (per cord) 24.00-40.00.

Pa. Grain
Monday, Dec. 20
Report supplied by PDA
Compared with last Monday's market for Southeastern, Central and South Central Pa.: Corn steady to 5 cents higher. Wheat & Oats unevenly steady. Barley mostly steady. New Ear Corn steady to $5 higher.
Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton.)

Southeastern Pa.
Corn No. 2-y range 2.35-2.65, average 2.50, New Crop 2.40-2.60; Wheat No. 2 range 3.15-3.50, average 3.31, New Crop 3.20-3.30; Barley No. 3 range 1.80-2.10, average 1.92, New Crop 1.70-1.80; Oats No. 2 range 1.60-1.88, average 1.75; Soybeans No. 1 5.20-5.55, average 5.40; Grain Sorghum No. 2 range 1.95, average 1.95; New Ear Corn range 52.00-65.00, average 59.73.

Central Pa.
Corn No. 2-y range 2.35-2.60, average 2.46; Wheat No. 2 range 2.90-3.30, average 3.13; Barley No. 3 range 1.75-1.85, average 1.78; Oats No. 2 range 1.45-1.65, average 1.54; Soybeans No. 1 5.00-5.30, average 5.15; Grain Sorghum #2 range 2.20-2.50, average 2.35; Buckwheat range 10.00, average 10.00; New Ear Corn range 50.00-62.00, average 55.44.

South Central Pa.
Corn No. 2-y range 2.20-2.45, average 2.34; Wheat No. 2 range 2.85-2.95, few reported 3.40, average 2.98; Barley No. 3 range 1.70-1.90, average 1.80; Oats No. 2 range 1.60-1.80, average 1.68; New Ear Corn range 50.00-65.00, average 57.13.

Southeastern Central & South Central Summary
Corn No. 2-y range 2.30-2.61, average 2.46; Wheat No. 2 range 2.90-3.50, average 3.17; Barley No. 3 range 1.75-2.00, average 1.84; Oats No. 2 range 1.50-1.85, average 1.63; New Ear Corn range 50.00-65.00; average 57.62.

Western Pa.
Corn No. 2-y range 2.30-2.50, average 2.42; Wheat No. 2 range 2.80-2.90, average 2.85; Barley No. 3 range 1.80-1.85, average 1.83; Oats No. 2 range 1.40-1.60, average 1.54; Buckwheat range 9.00, average 9.00; New Ear Corn range 60.00-66.00, average 63.00.

Eighty-Four Livestock
Eighty-four, Pa.
Monday, Dec. 20
Report supplied by PDA
CATTLE 253: Compared with last Monday's market, slaughter cows .50-1.00 higher. Few choice 55.00-57.00. Few Standard and Good 51.00-54.00. Utility 38.00-44.00. One choice slaughter heifer 54.50. Few Good 49.00-53.00. Standard 42.50-46.50. Utility 37.00-41.00. Utility & Commercial slaughter cows 37.00-41.00. Few 41.75-44.75. Yield Grade 4-5 34.50-39.00. Cutters 34.50-37.25. Canner & Low Cutter 29.00-35.00, Shells down to 20.00. Yield Grade #1, 1000-1600 lbs. slaughter bulls 44.00-48.50; yield grade #2, 900-1800 lbs. 38.00-43.50, Medium Frame #1 400-600 lbs. feeder steers 52.00-58.50. Medium Frame #1 400-500 lbs. feeder heifers 46.00-48.00. Medium Frame #2 300-500 lbs. heifers 37.00-43.00. Medium frame #1 feeder bulls 400-600 lbs. 52.00-56.50.
CALVES 238: Vealers 2.00-3.00 lower. Few choice vealers 83.00-87.00. Good 68.00-85.00, Standard & Good 90-120 lbs. 40.00-52.00, 60-85 lbs. 34.00-43.00, few Utility 50-80 lbs. 18.00-30.00. Farm calves, holstein bulls 90-120 lbs. 58.00-70.00.
HOGS 182: Barrows & Gilts 1.00-1.50 higher. US No. 1-2 200-260 lbs. barrows & gilts 56.50-57.50, No. 1-3 200-250 lbs. 55.25-56.60, No. 1-3 180-190 lbs. 54.00-56.75. Few 59.25. US No. 1-3 300-500 lbs. sows 50.00-56.00, No. 2-3 300-600 lbs. 42.00-48.00. Boars 41.00-43.00.
FEEDER PIGS 40: US No. 1-3 25-35 lbs. feeder pigs 21.00-27.00 per head, No. 1-3 45-75 lbs. 35.00-50.00 per head.
SHEEP 82: Wooled slaughter lambs steady to strong. Choice 85-95 lbs. Wooled slaughter lambs 55.00-60.00, Good 95-110 lbs. 49.00-53.00. Good 50-65 lbs. feeder lambs 49.00-50.00. Slaughter ewes 15.00-18.00.

Valley Livestock
Valley Stockyards
Athens, Pa.
Monday, Dec. 13
Report supplied by auction
Total No. of Head 478.
Holstein Hfr. Calves to 65.00; Veal Calves Common to 60.50; Vealer Bull Calves 60.00-86.00; Slaughter Calves 45.00-58.00; Grassers & Feeders 24.00-48.00; Lambs 41.00-56.50; Sheep 5.00-24.50; Hogs, 200-250 lbs. 48.00-59.00; Sows 46.00-52.50; Boars 42.00-46.50; Pigs, small to 21.00; Heifers 37.00-39.75; Steers, medium to 43.75; Steers, feeder 24.00-48.50; Bulls 38.00-47.50; Cows, utility 37.50-39.75; Cows, fat 36.50-38.00; Cows, medium 33.00-36.00; Cows, poor or small 25.00-31.50; Cattle market real active; Calf market steady to higher; Horses small to 290.00; Ponies to 90.00; Goats 17.00-35.00; Hay mixed 55.00.

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Livestock market and auction news

New Wilmington Livestock

New Wilmington, PA
Monday, Dec. 20
Report supplied by PDA

CATTLE 169: Compared with last Monday's market, slaughter cows mostly $1.50 higher. Couple Good slaughter steers 51.00 and 53.00, few Standard 43.00-49.25, Utility 37.00-40.25. One Choice slaughter heifer at 55.00, one Good at 47.25, few Standard 40.50-46.50. Utility & Commercial slaughter cows 37.00-39.75, a couple at 40.75 & 41.75, Cutters 34.50-37.75, Canner & Low Cutter 25.00-35.00. Few Yield Grade #1 1055-1515 lbs. slaughter bulls 45.00-48.00; Few Yield Grade #2 1540-1990 lbs. 40.00-43.50. Few Medium Frame #1 415-600 lbs. feeder steers 44.00-51.00; Few Medium Frame #2 310-485 lbs. 38.00-45.00. Few Medium Frame #1 380-630 lbs. feeder heifers 37.00-43.50.

CALVES 277: Vealers grading about steady. One prime vealer at 104 lbs. Choice 85.00-98.00; Good 70.00-85.00; Standard & Good 90-120 lbs. 35.00-50.00; 65-85 lbs. 25.00-35.00; Standard 50.00-65.00; Utility 45-80 lbs. 5.00-23.00. Farm calves, Holstein bulls 95-125 lbs. 50.00-66.00. Holstein Heifers 90-125 lbs. 50.00-65.00.

HOGS 460: Barrows and gilts fully $2 higher. US No. 1-2 205-245 lbs. barrows and gilts 57.80-59.00; No. 1-3 195-265 lbs. 56.25-57.75. Sows about steady. US. No. 1-3 345-585 lbs. Sows 44.00-48.00, few at 52.50. Few Boars at 42.75-43.75.

FEEDER PIGS 78: US No. 1-3 25-35 lbs. feeder pigs 22.00-33.00 per head, No.1-3 35-50 lbs. 33.00-50.00; No. 1-3 50-80 lbs. 50.00-57.00.

SHEEP 64: Choice 90-105 lbs. Wooled slaughter lambs 54.00-58.00. Mixed Good 50-80 lbs. 55.00-61.00, few Utility Yearlings 30.00-43.00.

Morrison Cove Livestock

Martinsburg, Pa.
Monday, Dec. 20
Report supplied by auction

CATTLE 133: Choice slaughter steers 56.50-61.75, Good 54.50-56.50, Standard 48.25-50.25, Utility 41.75-46.50, Good slaughter heifers 48.50-51.50, Standard 43.50-45.50, Utility 34.50-40.50. Utility & Commercial Cows 40.25-41.75, Commercial 39.50-40.25, Cutters 38.50-39.75, Canner & Low Cutter 34.50-37.25, Shells down to 28.75. Choice slaughter bullocks 57.50-61.25, Good 50.25-53.50, Standard 42.50-46.75, Utility 38.50-42.50. Yield Grade #1 slaughter bulls 46.75-48.50, Yield grade #2 43.50-46.75. Choice feeder steers 52.50 56.25, Good 48.50-52.50, Medium 42.50-46.50. Good feeder heifers 42.50-48.50, Medium 37.50-42.50. Good feeder bulls 45.50-48.50, Medium 40.50-45.50.

CALVES 298: Prime Vealers 86.50-92.50, Choice 82.50-86.50, Good 72.50-78.50, Standard & Good, 110-130 lbs. 60.50-68.50, 90-110 lbs. 52.50-60.50, 70-90 lbs. 40.50-48.50, Utility 35.00. Farm Calves, holstein bulls, 90-130 lbs. 62.50-79.00, holstein heifers, 90-130 lbs. 52.50-72.50.

HOGS 142: US No. 1-2, 200-240 lbs. barrows & gilts 58.25-59.75, No. 1-3 200-250 lbs. 57.25-58.00, No. 2-3, 200-260 lbs. 55.25-56.75, No. 2-3 250-300 lbs. 52.50-55.10. US No. 1-3 350-450 lbs. sows 46.25-50.25, No. 2-3 400-600 lbs. 44.25-48.25. Boars 40.25-44.25, Light Weights 44.25-48.50.

FEEDER PIGS 73; US No. 1-3 feeder pigs, 20-40 lbs. 30.50-42.50 per head, No. 1-3 40-80 lbs. 44.50-58.50 per head.

SHEEP 10: Choice 90-105 Wooled slaughter lambs 51.25-54.25, Good 80-95 lbs. 50.25-51.25.

GOATS 5: 14.00-42.50 per head.

Westminster Livestock Auction

Westminster, Md.
Tuesday, Dec. 14
Report supplied by auction

BUTCHER COWS: Mostly steady prices. High Yield few to 40.50; Standard & Utility 36.50-39.00; Canners 33.00-37.00; Shelly 34.00 down. Slaughter Bulls- 2 High Yield 1740-1835 lb. 55.25-56.50, Medium 42.00-45.00. Fed Steers- Low Choice to 57.00, Good 52.00-56.00, Standard Holsteins 42.00-48.00. Fed Heifers- Good to 53.00, Commercial 42.00-46.00.

BUTCHER HOGS: Light run. US 1 & 2 240-160 lb. few to 56.00. Sows- 450-550 lb. 46.00-47.50. Boars- 400 lb. at 41.00.

VEAL CALVES. No Choice offered. Good 65.00-81.00; Standard 55.00-65.00; Killers 80-100 lb. 45.00-50.00; Weak & Rough 45.00 Down.

CALVES RETURNED TO FARM: Holstein Bulls 95-120 lb. 55.00-71.00.

LAMBS: 50 lb. 67.50, 70 lb. 56.00, 80-100 lb. 44.00-46.00.

STOCK CATTLE: Good Run! Steers- 500-700 lb. Good to Choice 53.00-56.50; 700-850 lb. 52.00-54.50; Holsteins 42.00-45.00. Heifers- 300-700 lb. Good 42.00-46.00, Medium 39.00-42.00. Bulls- 300-650 lb. Good to Choice 51.00-54.00, Medium 44.00-48.00.

PIGS AND SHOATS: By the Head 15-30 lb. 18.00-36.00, 30-45 lb. 34.00-44.50. By the Lb. 1 Lot 68 lb. at 70.00.

New Holland Dairy

New Holland Sales Stables
Wednesday, Dec. 22
Report supplied by auction

Reported receipts of 82 cows, 42 heifers. Market steady.

Load of NY cows 585.00-1160.00, springers 835.00-1550.00; Load of PA cows 885.00-1475.00; Load of PA cows 590.00-1130.00, springers 800.00-1090.00; Load of Franklin Co. cows 750.00-1375.00, springers 900.00-1225.00; Load of NY cows 1000-1350 lbs.; Load of PA cows 900.00-1340.00, springers 750.00-1225.00.

Locally consigned cows 450.00-1280.00; Springing heifers 750.00-1020.00; Open heifers 405.00-550.00.

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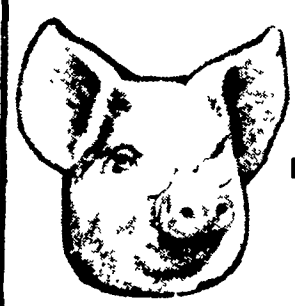
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From all of us at
Vintage Sales Stables, Inc.
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CLOSED WEDNESDAYS

Livestock market and auction news

THE OLD FARMER'S ALMANAC

DEC. 27, 1982-JAN. 2, 1983

In 1982 no more to tell; a snowy farewell.

Make New Year s resolutions now *Showboat* opened on Broadway Dec 27, 1927 Full moon Dec 30 (Thurs) Total eclipse of the moon Dec 30 will be visible from U S beginning at 5 58 a m and ending 6 59 a m EST Battle of Wounded Knee, S D , Dec 29, 1890

Happy New Year and be of good cheer things will be better this year

Ask the Old Farmer: For three nights in a row now, raccoons have raided my garbage cans Short of staying up with a gun, or keeping the garbage indoors, is there any way of discouraging the rascals? J D Strafford Vt

Place a small radio near the cans and leave it playing all night

Home Hints: To prevent fish from sticking to the pan when frying sprinkle a little salt in the skillet before placing the fish in it

OLD FARMER'S WEATHER FORECAST

New England: Cold and cloudy with snow north, through midweek, clear cold weekend

Greater New York-New Jersey: Cold and snowy all week

Middle Atlantic Coastal: Very beginning of week is cloudy and cold rain and snow south cold midweek then cold, with light snow

Piedmont & Southeast Coastal: To start rain and snow cold temperatures, cloudy and cold snow west over weekend

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Kesiters Middleburg Livestock Auction

Middleburg, PA
Tuesday, Dec. 21
Report supplied by PDA

CATTLE 216: Choice slaughter steers 60.00-63.60, Good 57.00-62.10, Standard 52.00-57.00, Utility 45.00-52.00. Choice slaughter heifers 56.00-57.50, Standard 48.00-52.00, Utility 38.00-48.00, Utility & Commercial slaughter cows 36.00-40.75, few at 42.75, Cutters 35.00-38.75, Canner & Low Cutter 32.00-35.00, Shells down to 28.00. Good Slaughter bullocks 52.00-53.75. Yield Grade #1 1200-1965 lbs. slaughter bulls 48.00-50.75, #2 800-1200 lbs. 43.50-48.00.

CALVES 216: Choice vealers 75.00-84.00, Good 62.00-75.00, Standard & Good 90-110 lbs. 45.00-60.00. Farm calves, Holstein Bulls 90-120 lbs. 65.00-85.00.

HOGS 541: (Monday, December 20, 1982) US No. 1-2 215-240 lbs. barrows & gilts 58.85-60.35, No. 1-3 210-250 lbs. 58.00-58.85, No. 2-3 190-270 lbs. 56.50-58.00. US No. 1-3 400-575 lbs. sows 48.00-53.00, No. 2-3 300-600 lbs. 43.75-48.10. Boars 200-650 lbs. 41.50-51.50.

FEEDER PIGS 280: US No. 1-3 10-20 lbs. feeder pigs 20.00-28.00 per head, No. 1-3 20-40 lbs. 28.00-45.00, No. 1-3 40-60 lbs. 45.00-62.50.

SHEEP 8: Good Wooled Slaughter lambs 42.00-51.00. Few slaughter ewes 16.00-22.00.

Central U.S. Carlot

Thursday, Dec. 22
Report supplied by USDA

Compared to Tuesday's 4:00 p.m. report: Steer and heifer carcasses 1.00 higher. Demand and trading moderate to good. Packers bullish on light to moderate supplies.

The gross boxed beef carcass cutout value advanced $.22 to an estimated $ 96.80 per cwt.

Sales reported on 101 loads of steer and heifer carcasses.

STEER BEEF
62½ Loads
FOB Omaha Basis

Choice 3 600-900 lbs. 93.00-94.00, late 94.00, 1.00 higher.

Choice 4 600-900 lbs. 84.00-85.00.

Good 2-3 600-900 lbs. 92.00, 1.00 higher.

Choice 2-3 600-900 lbs. 85.00 Hols. Type

Good 2-3 600-900 lbs. 92.00 Hols. Type.

FOB Amarillo Basis

Choice 4 600-900 lbs. 85.00.

Good 2-3 600-900 lbs. 92.00.

HEIFER BEEF
38½ Loads
FOB Omaha Basis

Choice 3 550-700 lbs. 92.00-93.00, late 93.00, 1.00 higher.

Choice 3 500-550 lbs. 89.00-90.00, late 90.00, 1.00 higher.

Choice 3 400-500 lbs. 88.00-89.00, late 89.00, 1.00 higher.

Choice 4 500-700 lbs. 84.00-85.00

Good 2-3 550-700 lbs. 88.00-89.00, late 89.00, 1.00 higher.

FOB Amarillo Basis

Choice 4 500-700 lbs. 85.00.

COW CARCASSES
3 Loads

Few loads $4.00 higher to West Coast. Not established in Midwest on limited supplies.

FOB Omaha Basis

Bkrg Utlty 3-4 450/up lbs. 65.50 (West)

Bng Utlty 2-3 400/up lbs. 67.50 (West)

FOB Amarillo Basis

Bkrg Utlty 3-4 450/up lbs. 66.50 (West)

PRIMAL BEEF CUTS
3 Loads
FOB Omaha Basis

Choice 3

Hinds (S) 145-190 lbs. 104.00.

Good & Choice 2-3

Short Plates 51.00.

BONELESS PROCESSING/ BEEF TRIMMINGS
48 Loads
FOB Omaha Basis

90% Chem Lean Fresh 108.00-109.00.

85% Chem Lean Fresh 100.00-102.00.

75% Chem Lean Fresh 82.00-83.00.

65% Chem Lean Fresh 67.00.

50% Chem Lean Fresh 48.00-49.00.

50% Chem Lean Fresh 50.00 (Boxed)

50% Chem Lean Frozen 49.00-50.00.

FOB Amarillo Basis

90% Chem Lean Fresh 105.00 late Tuesday.

85% Chem Lean Fresh 98.00 late Tuesday.

Compared to last Friday: Steer and Heifer carcasses $2.00 to mostly $3.00 higher. Boxed beef carcass cutout value advanced $1.78 per cwt. Cow carcasses not established on light supplies.

Compared to Tuesday's 4:00 report: Loins steady to $1.50 lower. Picnics and Boston Butts steady. Hams steady to $3.00 lower. Bellies $1.00 lower. Trading slow on moderate offerings, demand light.

Sales reported on 58½ loads and 2 loads of trimmings.

FRESH PORK CUTS

LOINS: Regular - 14/dn lbs. 111.00 week-end ship; 14-17 lbs. 106.50 immediate ship, steady; 14-17 lbs. 110.00 week-end ship, steady; 17-22 lbs. 98.00 week-end ship; 17-22 lbs. 93.50- 95.00, late 93.50, 1.50 lower; 22/up lbs. 88.00, steady.

PICNICS: 4-8 lbs. 63.00, steady; 8&up lbs. 56.50, steady.

BOSTON BUTTS: 4-8 lbs. 99.00, steady.

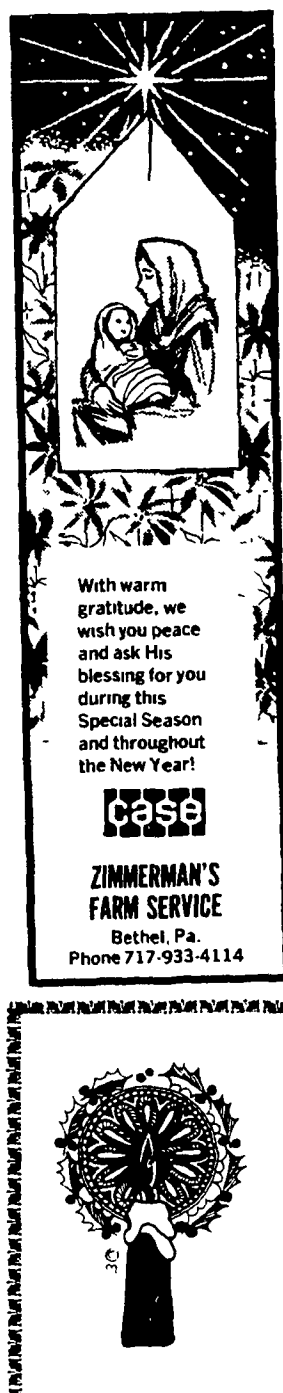
HAMS (Skinned): 17-20 lbs. 86.50-88.00, steady-1.50 lower; 20-26 lbs. 84.00-85.00, 2.00-3.00 lower.

BELLIES: Sdls-Skin on: 12-14 lbs. 75.00, 1.00 lower; 16-18 lbs. 72.00, Pl 73.00, 1.00 lower; 18-20 lbs. 66.00, Pl 67.00, mostly 1.00 lower; 20-25 lbs. 61.50.

BONELESS PROCESSING/ PORK TRIMMINGS
(Chemical Lean)

72% bnls picnics frozen 86.00.

For The Week: Loins steady to $3.50 lower. Picnics and Boston Butts steady to $2.00 higher. Hams $2.00-12.50 lower, main decline on 20/dn weights. Bellies $2.00-5.00 lower. Pork trimmings and boneless processing pork steady to $2.00 higher.


With warm gratitude, we wish you peace and ask His blessing for you during this Special Season and throughout the New Year!
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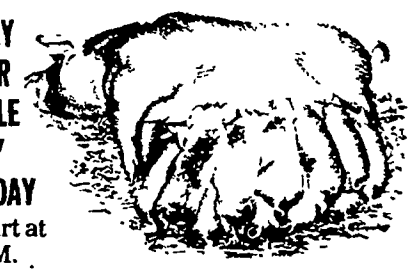

WEEKLY FEEDER PIG SALE EVERY WEDNESDAY
Sale to Start at 1:30 P.M.
We Will Receive Your Pigs Anytime From 7 A.M. Wed. Morning
State Graded Until 12 Noon.
All pigs inspected by State Approved Veterinarian.
Calf Sale To Be Held Every Thursday At 3:30 P.M.
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WALTER H. RISSER, Proprietor

Happy Holiday
We're glowing with bright wishes to all our friends and customers
Have the merriest of Christmases!
GREEN DRAGON LIVESTOCK SALES
Walter & Joyce

A Merry Christmas and Prosperous New Year

FROM ALL OF US TO ALL OF YOU—

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WALTER M. DUNLAP AND SONS

Livestock market and auction news

Four States Livestock

Hagerstown, Md.
Wednesday, Dec. 15
Report supplied by auction

SLAUGHTER: Fed Steers- $1.00 higher. Choice 57.00-59.75; Good 52.00-56.00; Medium 51.00 down. Heifers- Choice 51.00-52.00; Good 47.00-50.00; Medium 46.00 down. Cows- Steady prices. High Yield 40.00-41.50; Average 37.00-39.00; Big Middle 34.00-36.00; Fatty Herf. 33.00-35.00; Shelly 34.00 down. Fat Bulls- $1.50 higher. Good 49.00-52.00; Medium 44.00-48.00. Veal Calves- Mostly steady. Choice 90.00-113.00; Good 75.00-85.00; Medium 65.00-74.00; Farm Hrs. to 59.00; Farm Bulls to 69.00; Light & Weak 42.00 down. Lambs- Few offered. Choice 47.00-48.00; Good 42.00-46.00; Medium 41.00 down.

STOCKER: Steers 300-550 lbs. $1.00 lower. Choice 57.00-59.00; Good 52.00-56.00; Medium 47.00-51.00; Culls 46.00 down. Steers 600-850 lbs. Choice 52.00-55.00; Good 47.00-51.00; Medium 46.00 down. Heifers (All weights) Choice 47.00-50.00; Good 42.00-46.00; Medium 41.00 down. Bulls- Good 47.00-51.50; Medium 41.00-46.00. Dairy Cows to 625.00. Springing Heifers to 660.00. Pigs, hd.- $3.00 higher. 20-30 lbs. 30.00-41.00; 40-60 lbs. 42.00-55.00. Shoats by lb. to 68.00. Slaughter Hogs- $1.00 higher. 210-230 lbs. 55.00-56.25; 240-260 lbs. 55.00-56.85; 265-280 lbs. 55.00-55.75. Sows- 44.00-49.00. Few to 55.00. Thin Sows 37.00-43.00.

Weekly Summary

Thurs. Dec. 23

CATTLE 3189: Compared with 5353 head last week, and 3059 head a year ago. Compared with last Friday's market: Slaughter steers & cows steady to 2.00 higher; Sl. heifers steady to 1.00 higher; Sl. bulls uneven. Sl. steers: High Choice & Prime No. 3-4, 60-50-64.75; Choice No. 2-4, 59.00-63.00. Good 54.00-59.75; Standard 49.00-54.00. Sl. heifers: Choice 54.00-59.75; Good 48.00-54.75; Standard 43.00-48.00. Sl. cows: Utility & Commercial 37.50-41.50; Cutters 35.00-40.50; Canner & L. Cutter 32.00-36.50; Shells down to 20.00. Sl. bullocks: (few) Choice 55.75-60.75; Good 51.00-55.00. Sl. bulls: Yield Grade No. 1, 1000-2300 lbs. 45.00-52.50, few at 57.75; Yield Grade No. 2, 900-1450 lbs. 38.00-48.00.

FEEDER CATTLE: Steers, Medium Frame No. 1, 350-800 lbs. 47.00-58.50; Medium Frame No. 1, 300-600 lbs. 37.00-48.00; Medium Frame No. 1, 400-750 lbs. 49.00-56.50.

CALVES 2667: Compared with 4165 head last week and 2939 head a year ago. Vealers uneven. (few) Prime 90.00-121.00; Choice 85.00-100.00; Good 70.00-85.00 Standard & Good 110-130 lbs. 53.00-70.00; 90-110 lbs. 45.00-55.00; 60-85 lbs. 35.00-47.00; Utility 50-100 lbs. 30.00-40.00.

FARM CALVES: Hol. Bulls 80-125 lbs. 50.00-85.00; (few) Hol. Heifers 85-140 lbs. 50.00-88.00.

HOGS 5950: Compared with 6590 head last week and 6658 head a year ago. Barrows & gilts 1.00-1.50 higher. US No. 1-2 200-245 lbs. 57.50-60.50 No. 1-3 200-250 lbs. 56.50-58.00; No. 2-3 200-280 lbs. 55.50-56.75; No. 1-3 140-190 lbs. 54.00-56.75; Sows uneven. US No. 1-3 300-575 lbs. 44.00-50.75, few to 56.00; No. 2-3 300-650 lbs. 42.00-48.00. Boars 40.00-45.50.

FEEDER PIGS 1286: Compared with 1171 head last week and 1032 a year ago. Feeder pigs 2.00-5.00 higher. US No. 1-3 20-35 lbs. 20.00-40.00 per head; No. 1-3 35-50 lbs. 36.00-50.00; No. 1-3 50-100 lbs. 46.00-63.00 per head.

GRADED FEEDER PIGS 2503: Compared with 2572 head last week, and 2530 head a year ago. All sales by CWT. Feeder Pigs uneven, mostly steady to 10.00 higher. US No. 1-2 25-40 lbs. 124.00-146.00, 40-50 lbs. 120.00-143.00, 50-60 lbs. 114.00-132.00, 60-70 lbs. 84.00-109.00; US No. 2-3 30-40 lbs. 120.00-132.00, 40-50 lbs. 105.00-128.00, 50-60 lbs. 90.00-111.00.

SHEEP 968: Compared with 1422 head last week and 493 head a year ago. Wooled sl. lambs 1.00-2.00 higher. Choice 75-110 lbs. 49.00-61.00; Good 70-100 lbs. 43.00-51.00; Choice new crop 20-70 lbs. 150.00-210.00. Sl. ewes: 12.00-30.00.

CHRISTMAS

At this glittering time of the year we send wishes for your happiness, glowing with bright hope for the future.

We look forward to serving you again

FROM THE STAFF AND MANAGEMENT OF NEW HOLLAND SALES STABLES, INC.

Check Pages C32 & C33 For Details
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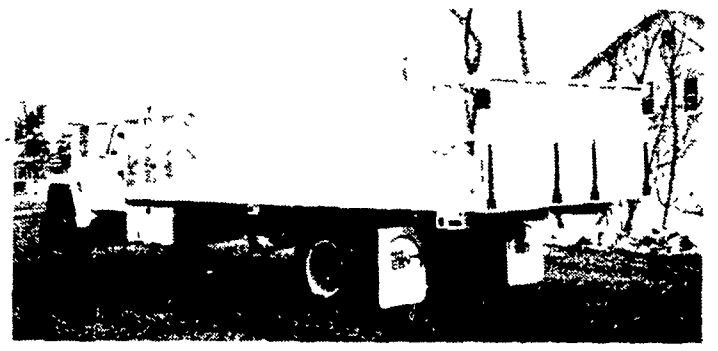

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FRIDAY, JANUARY 21
ON THE FARM MONTHLY
BRED GILT SALE
Sale to Start Promptly at 1:00
Every 4 Weeks

Located 18 miles south of Lancaster, Pa., 6 miles south of Quarryville, take Rt. 272 to Little Britain, turn north, follow Little Britain Road to Jackson Road, 2nd farm, OR take Rt. 222, out of Quarryville to Cedar Hill Road to Little Britain Road to Jackson Road. Watch for sale arrows.

50 to 60 Head
Now selling our new hybred gilts representing mostly York & Hampshire & Landrace cross. Bred for easier & Less trouble over farrowing and better weight gains.

Validated Brucellosis Free Herd #169
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Local Trucker Available.
No Hogs Sold On Commission.
CHRIST A. BEILER
R.D. 2, Quarryville, Pa
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R.D. 1, Kirkwood, Pa
Abe Diffenbach, Auctioneer
NEXT SALE DATE FEBRUARY 18

SPECIAL NOTICE
VINTAGE SALES STABLES, INC.
10 miles East of Lancaster
Paradise, PA
HAY, STRAW & GRAIN AUCTION
Every Thursday at 1:00 P.M.
Business Phone
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Home Phone
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PEACE

ON EARTH

Joyous wishes for a holiday of love and laughter... with sincere thanks to all our good friends.

Emery's Buying Station

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RAY HURST
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RICHARD PRICE
Box 305
Arendtsville, PA 17303
Ph: 717-677-6986

CHESTER STOLTZFUS
RD 2 Watsontown, PA 17777
Ph: 717-649-5321

HUSKEE BILT
QUALITY FARM BUILDINGS

Off the Sounding Board

By Sheila Miller, Editor

The very best gift

What was the best present you ever received for Christmas?

Answering that question would take some thought, because all the gifts I've received from parents and loving friends and relatives over the years have been so very special.

But, if I had to narrow it down to the "very best" present, it would surely have to be the present that was too big to wrap and came two months before December 25. What was it? Why, it was the chance to buy our farm.

Some folks might not consider that much of a gift, considering that it took six years of planning and saving for my husband Mike and me to come within arm's reach of owning a farm. But for us it was the culmination of a goal, a heart's desire, a childhood dream.

This will be our second Christmas on the farm. Holiday decorations don't abound since our rat-race pace keeps us pouring most of our efforts into "must-do" chores before heading off to face the challenges of our respective jobs, but the thankful spirit the season sparks can still be felt without all the glitter and garland.

We, like other farmers across the state, take a few moments at this special time of year to extend season's greetings to friends and neighbors. Whether through a colorful card or telephone call, a Christmas "hello" brings a smile from anyone on the receiving list.

And, if the rest of the world shares my sentiments, it is so much more inviting to open a mailbox stacked full of envelopes when not one of them is a bill.

Not only are our Christmas greetings extended to friends of the "human" sort, but we, like most farmers, can't resist sharing our holiday cheer with our animals — slipping in an extra slice of hay to the horses, and dipping a little deeper into the grain barrel for the cattle. Even the canine "freeloaders" that lead dogs' lives on the farm find a hidden biscuit in their normally unadorned dog food dinners.

These holiday "spoilings" of our livestock reflect the special feelings most farmers have for their animals. And, it's only fitting since animals were a special part of Christ's birth, too.

How honored farmers can be, knowing that of all possible settings for the miraculous birth, God chose a humble manger. Surrounded by sheep, cattle, and donkeys, the Christ child entered this world. Not only kings and princes witnessed the event, but shepherds who were watching their flocks that night traveled to Bethlehem to see Him.

As this Christmas season finds us milking while others drink eggnog, and feeding livestock while others dine at Christmas Eve parties, we need to remember that stable where so long ago a baby was born.

. . . Yes, come to think of it, the chance to buy a farm was only the second best gift I ever received. Merry Christmas.

THE BIBLE SPEAKS

BY LAWRENCE W. ALTHOUSE

REASONABLE TEMPTATIONS
December 26, 1982

Background Scripture: Luke 3:21 through 4:15.
Devotional Reading: Luke 3:15-20.

There are essentially two things that we must understand about the temptation of Jesus as recorded in Luke 4. The first of these is that they were real temptations.

Lots of people have tended to regard the temptation of Jesus as more of a drama than an actual temptation, as a setting simply for a confrontation between Jesus and Satan. It is hard for these people to think of Jesus as really being tempted.

HE WAS HUNGRY

"Really being tempted" means more than just having an attractive offer. It means having a yearning to accept that offer. Luke wants us to understand that the temptation in the wilderness was for Jesus a real temptation: he not only perceived the attractive offer from Satan, but he had some yearnings to accept that offer. That is why Luke tells us, "And he ate nothing in those days; and when they were ended, he was hungry." His hunger made the offer from Satan attractive.

Secondly, we must realize that the temptations were appealing because they were so reasonable. A temptation that is not reasonable is no temptation at all. Note that all of the offers that Satan made to Jesus followed a kind of logic: Jesus was hungry, so if he was the Son of God, why not use his power to save him from collapse from hunger? There was nothing illogical about it. And when Satan showed him all the kingdoms of the world and offered them to Jesus if he would worship him, there was a logic to that as well. No less logical and reasonable was the challenge to prove his Sonship by throwing himself down from the pinnacle of the temple. The temptor was calling his Sonship into question; was it not reasonable therefore to attempt to prove it?

IT IS WRITTEN...

You and I never have to wonder if our temptations are real. We know they are. We know how reasonable they seem, how logical their invitation. That is why it is important for us to know that the temptations of Jesus were real temptations, for only thus are we assured that he can understand what it means to be tempted.

And because of the way Jesus responded to his temptor, you and I know that we too can resist temptations and find redemption when we have failed to resist it. Jesus fell back for support on what he knew about God. Each time, he said, "It is written..." and remembered important truths from God that had been handed from on generation to another: "Man shall not live by bread alone," "You shall worship the Lord your God, and him only shall you serve," and "You shall not tempt the Lord your God."

Defeated for the moment, the devil departed. But he would be back at an "opportune time." Just as he returns again and again to us.

NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent
Phone 717-394-6851

To Review Partnership Agreements

There are a number of advantages to establishing farm partnerships, but an annual review of the agreement and its value in relation to current needs is essential.

I would like to offer a few suggestions for those who have entered into farm partnership agreements.

Once a farm partnership is drawn up, the agreement should be reviewed at least once a year. This should be done for two reasons. First, to see how well each of the partners is meeting his obligations... and secondly, to carefully evaluate the agreement to see if it is doing its intended job.

Then too, farming is a rapidly changing business. So don't be surprised if the agreement you set up just a couple of years ago isn't entirely adequate to meet today's needs.

So, review that agreement carefully. If it doesn't quite measure up to current needs, plan to make the necessary changes before 1983 rolls around.

To Control Livestock Parasites

The winter feeding programs are underway and parasite infested livestock are poor money makers. Body lice are often found on nearly all species of livestock. In cold weather the heavy hair coats make it difficult to eradicate these pests. For best results, use two treatments at 12 to 14 day intervals. Some cattle operators will have automatic louse control devices filled with an insecticide. This is excellent and efficient - if the materials are kept in the equipment. In milder weather cattle can be sprayed with the material using cold water. Stomach worms should also be eradicated in order to make the best use of feeds. The local veterinarian can check fecal samples to determine the infection. You can not afford to operate with parasite infestation of any kind.

To Consider Machinery Purchase

Machinery manufacturers and dealers are beginning to work down stocks of machinery. Most dealers still have a long way to go, though, as they will tell you in a minute. But one of these days the very attractive deals that are currently available will no longer exist. In fact, the USDA outlook claims that the time is coming when you'll probably have to order major items rather than buy them off the floor. That time, judging from the current and near term farm economic climate, won't occur for a while. If you have the financial strength to handle the deal, now is a very good time to acquire, either through purchase or lease, equipment you really need, claims Chester D. Hughes, Extension Livestock Agent.

To Protect Trees and Shrubs

Your trees and shrubs will be able to withstand the winter conditions in better shape - with a little help from you. Some winter protection might help save your valued trees and shrubs.

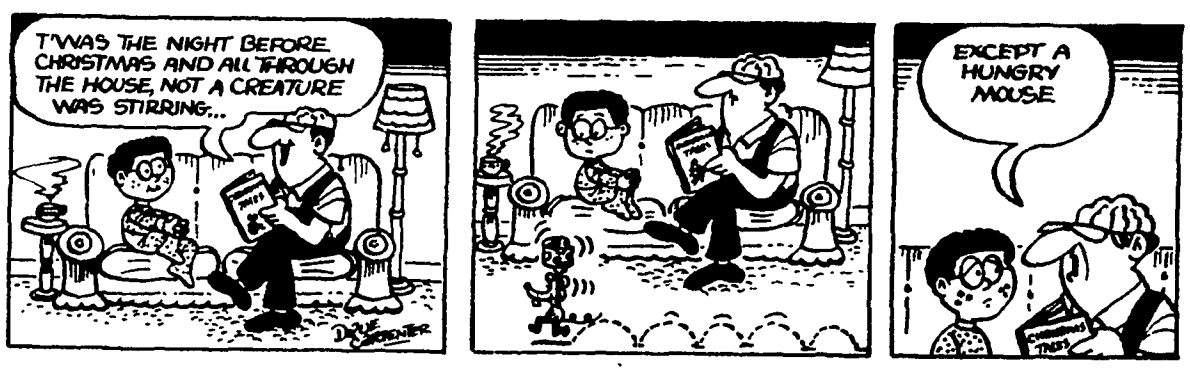
Thin-barked trees can be

(Turn to Page A12)

Farm Calendar

Saturday, Dec. 25
MERRY CHRISTMAS
Monday, Dec. 27
Lancaster Conservation District meeting, Leola Family Restaurant, 10 a.m.
Thursday, Dec. 30
Columbia County Annual DHIA Meeting, noon, Lightstreet Grange Hall.
Saturday, Jan. 1
HAPPY NEW YEAR

OTIS



MAY THIS HOLIDAY BE FILLED WITH ADVENTURE AND EXCITEMENT FROM BEGINNING TO END!

From the L. F. News Staff

TO OUR CUSTOMERS AND FRIENDS

All of us at Hershey Equipment would like to say a special "THANK YOU" to all of you, for permitting us to continue being of service to you in 1982.

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May all of you have a Merry Christmas season and may 1983 bring you health, happiness and prosperity.

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What's behind the poultry market news story?

WASHINGTON, D.C. — Poultry market news reports don't have exciting titles, but they're full of information — and they are vital in establishing the market and prices for the poultry and egg products.

For a poultry market news reporter, terms like "price trends," "market activity," and "supply/offering" are commonplace, according to Chuck Godfrey, supervisory market reporter of the Des Moines, Iowa, office. This information is important to poultry buyers and sellers in their daily transactions of a multi-million-dollar business.

The U.S. Department of Agriculture has 17 federal or state poultry market news offices nationwide. Within these offices are 22 federal reporters and 18 state reporters who collect and report information on the trading of poultry and egg products. The information goes to farmers, processors and others who use this data as an aid in marketing and planning.

For Godfrey, obtaining reliable information on a voluntary basis is the most important element of a market news reporter's job.

"Twenty-five years ago I started out as a trainee in Des Moines and have since worked in St. Paul and San Francisco before returning here," he says. "It takes considerable time to build up confidence between our office and our contacts, and the best way of building up this confidence is providing accurate, up-to-date reports.

"We talk to traders, dealers, growers and processors several times a week on anything that possible affects the market price. If we can't get the best and most accurate information possible from them, then our information is worthless."

Ray Wruk, chief poultry market news official with USDA's Agricultural Marketing Service, in Washington, D.C., says that after collecting this information, the facts are then analyzed, evaluated and checked before it is released from the various market news offices.

"Reporters are responsible for getting information on actual selling prices at all levels of trading — on the farm, processing, distributors, wholesalers and buyers," he said. "Our market reports cover 47 poultry and egg commodities, including broilers, turkeys, shell eggs and dried, liquid and frozen egg products."

In Des Moines, Godfrey's office originates about a dozen reports, including the "Iowa Farm Eggs Report," the "Central-States Egg Breaking Report," and the "Central-States Turkeys Report." Godfrey says these market news reports are extremely vital to those in the poultry and egg business. "Our office is a service organization, and it's our job to get the best information possible out to whoever needs it."

The market news offices are connected by a high-speed leased wire service. The instantaneous reports allow quick comparisons to be made between markets on prices and trading conditions. Market news information is distributed in a number of ways, including telephone and the various news media. Some market news offices provide information 24-hours a day with recorded messages frequently updated so callers receive the most current information.

"We like to have as much personal contact as possible and we make every effort to be accessible at all times," Godfrey says. "You'd be surprised at the amount of information that can be exchanged in a matter of minutes."

Until recently, the printed market reports were sent free on request from market news offices throughout the country. However, as part of efforts to reduce the cost of government, USDA now charges a subscription fee for the reports that are mailed.

Wruk says the cost of the service is worth it to producers and marketers who need accurate and unbiased information.

Md. sets hearing on 'cost share' program

ANNAPOLIS, Md. — A public hearing has been set for Jan. 14 in the conference room of the Maryland Department of Agriculture building in Annapolis, on regulations proposed to implement a $5 million cost share program aimed at agricultural water pollution control.

The program is the product of 1982 legislation passed by the Maryland General Assembly putting the state's departments of agriculture and health into the business of helping farmers implement practices to lessen water pollution caused by erosion, animal wastes, nutrients and agricultural chemicals.

In addition to setting out the specific outlines of the program, the proposed regulations also list the areas for which much of the funds will be targeted.

Those wishing to examine a copy of the proposed regulations should contact their local Soil Conservation District Office, or consult the Dec. 10 issue of the "Maryland Register," pages 2518-2521, which can be found in many public libraries.

The hearing will begin at 10 a.m. and will last as long as needed in the day to allow those present to give testimony.

In the event of a person wishing to submit written testimony, but unable to turn it in at the January 14 hearing, the record will remain open until January 24 and such testimony should be sent to: Ernest C. Shea, Maryland Department of Agriculture, 50 Harry S. Truman Parkway, Annapolis, Maryland 21401.

The Maryland Department of Agriculture's new headquarters building is located in Anne Arundel County's "Government Park" complex which is off Riva Road, West of Annapolis in the Parole section.

Now is the Time

(Continued from Page A10)

damaged by sunscald in the winter. That's why it's a good idea to wrap the trunks of such trees as sugar maple, tulip tree, American linden, flowering dogwood and plum. You can wrap them now but be sure to take the wrapping off late next spring. You can use commercial tree wrapping, starting at the ground level and working up the tree, overlapping about every half-inch. Tie the wrap with twine or use a waterproof tape several places along the stem.

Smaller ornamentals should be mulched; this will not keep the soil from freezing but it helps keep the soil frozen to prevent road injury caused by alternate freezing and thawing of the soil.

The mulch should be loose, but it should stay where you put it. Do not use grass clippings because they pack too tightly. Instead, use clean wheat straw, shredded bark or peat moss.

Merry Christmas to all!

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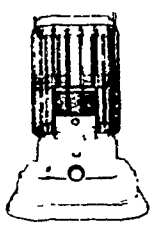
Equator™ II S-681U
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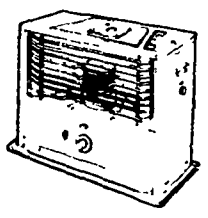
Temp-Rite™10 S-481U
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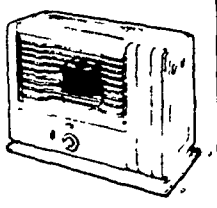
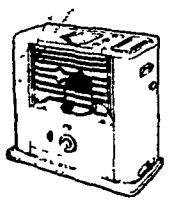

Temp-Rite™9 S-381U
9,600 BTU's
$138.00


Temp-Rite™7 S-281U
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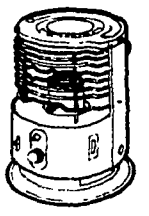
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Wednesday, Dec. 22
Report supplied by USDA

Compared to Tuesday's close: Prime special fed veal generally steady in limited early trading. Good and Choice boning veal generally steady; inshipped veal steady to 2.00 higher. Lamb market slow to develop, firm undertone indicated; no sales. Boneless beef lightly tested early, active late as buyers seek to fill immediate needs; 90% chem lean 1.00 to 7.00 higher, 85% chem lean 1.00 to 2.00 higher. Trimings lightly tested, no recent comparison.

Compared to Last Week: Prime special fed veal generally steady. Good and Choice boning veal steady to 1.00 higher; inshipped veal 1.00 to 2.00 higher. Lamb market not established. 90% lean boneless beef 3.00 to 5.00 higher; 85% lean 1.00 to 2.00 higher. 50% and 65% lean trimmings lightly tested, no recent comparison.

VEAL CARCASS
80 Head
Prime (Special Fed)
Hide On

180-240 lbs. 170.00, generally steady

Good & Choice
Boning Type
Hide On

Northeastern Suppliers: All generally steady. 65-75 lbs. 78.00; 55-64 lbs. 76.00; 45-54 lbs. 74.00; 35-44 lbs. 72.00; 34 lbs. down 70.00.

Inshipped: No sales reported. All steady - 2.00 higher. 71-80 lbs. 84.00; 61-70 lbs. 82.00; 51-60 lbs. 80.00; 41-50 lbs. 78.00; 30-40 lbs. 76.00.

BONELESS BEEF
19 Loads

90 pct chem lean, fresh 107.00-113.00, 1.00-7.00 higher.

85 pct chem lean, fresh 102.00-106.00, 1.00-2.00 higher.

BEEF TRIMMINGS
1 Load

65 pct chem lean fresh 70.00, no recent comparison.

CURED AND PROCESSED MEATS
5 Loads

Skinned Hams 16-20 lbs. 104.00, weak.

Semi-Boneless Hams, 16-20 lbs. 128.00, no recent comparison.

No. 1 Sliced Bacon Vacuum Pack, 1 lb. pkg. 135.00, steady.

Franks, 70 Beef, 30 Pork, 1 lb. pkg. 89.00, steady.

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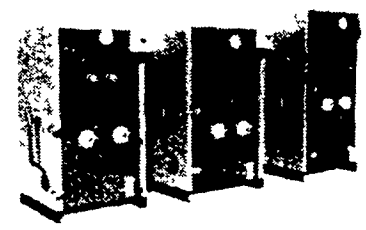

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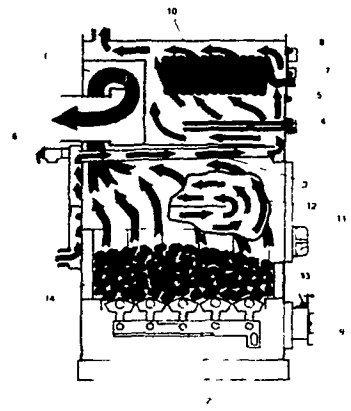

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Solving genetic puzzle may make wheat more nutritious

WASHINGTON, D.C. — Wheat can be made an even more nutritious food for the world's hungry if a genetic puzzle about this food staple can be solved.

The puzzle: How to change the plant's heriditary pattern.

Frank C. Greene, a chemist pursuing food protein research, said he hopes to find a solution through gene splicing techniques he is developing for the U.S. Department of Agriculture's Agricultural Research Service in Berkeley, Calif.

Greene will work on the genetic puzzle in a gene splicing experiment that the research agency has selected to receive the T.W. Edminster award honoring its outstanding research proposal for 1982. Edminster was the agency's administrator from 1971 to 1980.

Terry B. Kinney, Jr., who succeeded Edminster, presented the award to Greene in Berkeley last Monday.

Kinney said the award-winning proposal developed by Greene makes it possible to hire a research associate to join in the wheat studies.

Olin D. Anderson, a young biochemist from DeQuincy, La., has been chosen as the research associate, Kinney said. Anderson previously wasinvolved in a postdoctoral study at the University of California, Berkeley, on the way genetic material or DNA is expressed in plants and animals.

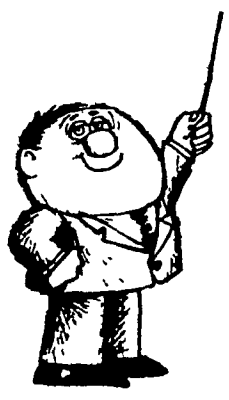
Greene's proposal was chosen from among those submitted by 48 scientists at agency research locations throughout the country.

Kinney said the award and research associate appointment, now in the second year, are part of the efforts by the Agricultural Research Service to recruit and encourage outstanding young talent in the scientific community to carry out basic research in the agency.

The researches will use recombinant DNA technology to change the hereditary patterns of wheat. Using extremely sophisticated techniques, the researchers will splice wheat DNA into bacteria. Then, the bacteria will become wheat DNA factories producing large quantities of DNA for further research.

Once the basic molecular structure of the wheat DNA is understood, scientists will have the tools to alter the genetic material of the wheat. When the genes are altered, the quality and quantity of the wheat also will be fundamentally changed.

Greene has been with the Agricultural Research Service sine 1961. He is a chemist in the food proteins research unit at USDA's Western Regional Research Center, Berkeley.



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RADIANT 36	9,600	$249.95	$189.00
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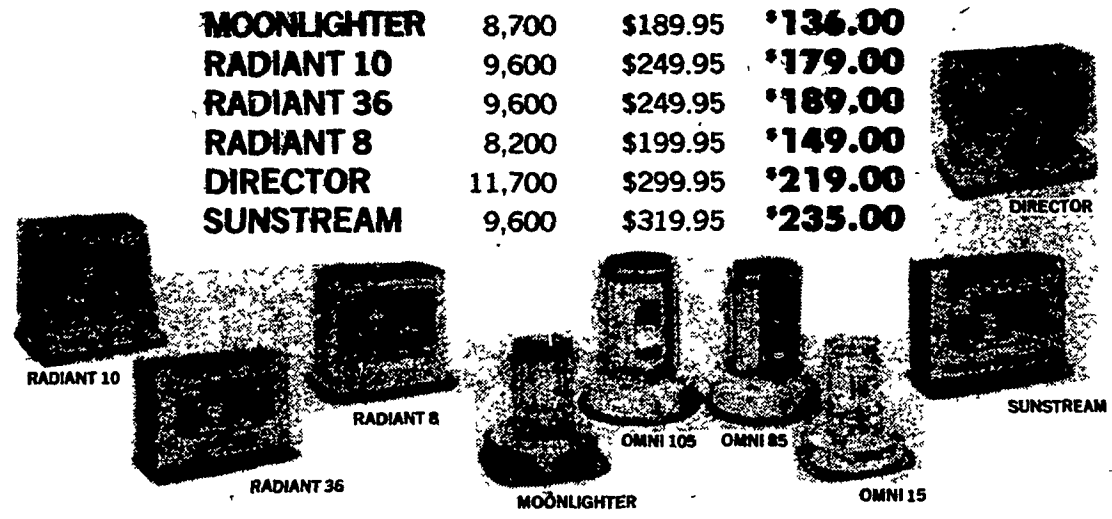

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December 1982 Trailer Truckload Price List

Analysis	Bag	Analysis	Bag
5-10-10*	123.00	19-19-19	193.50
5-10-30*	148.00	20-10-10	167.00
5-20-20	158.00	28-13-13*	206.00
6-18-36*	178.00	30-10-10*	201.50
6-24-24	173.50	30-0-20*	191.00
6-26-26*	183.00	0-26-26*	174.00
7-27-11*	173.00	0-26-24* W/B	181.50
8-32-16 DAP	188.50	0-18-36*	166.50
8-32-16* MAP	200.00	0-14-42	159.00
10-20-20	168.50	0-14-40* W/B	169.50
12-24-24	190.00		
10-30-10*	185.00	46-0-0	196.00
12-36-12*	207.50	0-46-0	184.50
10-10-10*	139.50	0-0-60	135.75
12-12-12	149.00	18-46-0	215.50
16-16-16	173.50	13-52-0*	229.50

* May require minimum order

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Note Market conditions may cause prices to change without notice The above prices will be honored through 1/1/83

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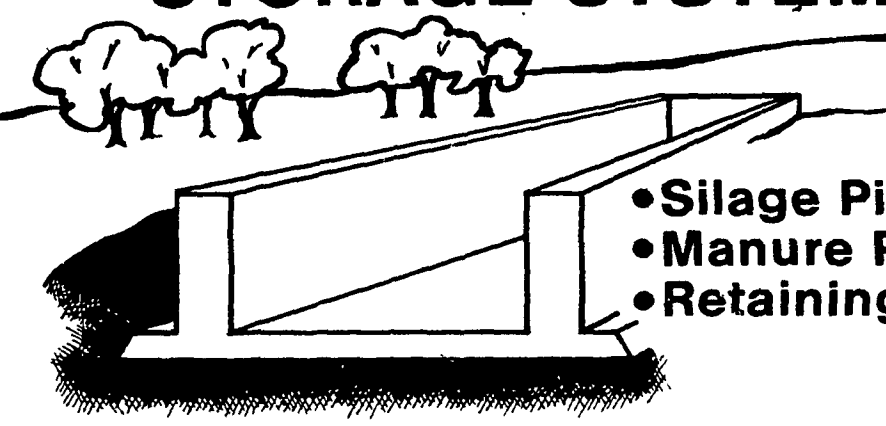

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Census forms with regional crop patterns ready

WASHINGTON, D.C. — Census of agriculture report forms designed with regional cropping patterns will be mailed to all farm and ranch operators nationwide in late December, according to the U.S. Commerce Department's Census Bureau. This will be the 22nd census of agriculture in a series dating back to 1840.

Crops commonly grown in particular areas will be listed on 12 regional forms, making it easier for the respondent to report on those produced.

In a continuation of improvements to the form which began with the 1978 census, sampling will again be used in this census. Sampling, Bureau officials say, helps reduce the burden on farmers, while still producing needed data.

In general, about 80 percent of the farm and ranch operators will receive a four page form containing the basic census items. Only 20 percent will get a five page form asking additional details.

Both forms will include questions on the acreage in their operation, ownership, type of organization and location of the place, use made of the land, and when their operation began. Other questions on the forms will cover livestock and poultry inventories and sales, amount of government crop loans, income from agricultural services, and crop acreage, amount harvested and value sold. Questions on crop acreage and yields have been regionalized to fit the various cropping patterns found across the country.

The five page form will be sent to a sample of operators and contains additional questions on selected production expenses, the market value of land and buildings, machinery and equipment inventory and value, interest expenses and expenditures for petroleum and other energy sources.

The 1982 Census of Agriculture form also will contain two new questions requested by data users, one on farm interest expense and another asking when the farmer began the operation.

These items will provide timely data on the costs of financing and the economic stability of the nation's farmers. Bureau officials say other questions on the form have been reworded and changes made in composition for easier understanding.

The results of the census will be used in many ways, some of which are listed below:

- The data help farmers become aware of the trends in agricultural production through published reports.
- Farm suppliers use census data to meet farmer's and rancher's needs for products and services.
- Census data are used by researchers in developing new technology in agriculture.
- Elected representatives use census data to develop programs to help solve agricultural problems.
- Farmer organizations use census data to evaluate and propose programs and policies that affect farmers and to determine the potential impact of laws and regulations on farm families.
- Private companies and farmer cooperatives use census data to help select when and where marketing facilities are to be built, which helps farmers and ranchers market their products.
- Farm credit agencies and institutions use the data to develop new programs to help provide capital to farmers.

Respondents are requested to return the forms by Feb. 15, 1983, with data covering their operations for 1982. Any form not returned by the due date will require followup mailings, and officials point out that each followup increases cost of the census and delays publication of results. Bureau officials are asking for the respondents' cooperation to keep the cost of the census to a minimum.

Bureau officials note that extensive planning and more than two years of study and research have gone into development of the 1982 form.

- The nation's schools and universities of agriculture were asked for suggestions and criticisms from their top level researchers and staff members. Contacts also were made with officials of the U.S. Department of Agriculture, Bureau of Economic Analysis, state departments of agriculture, and private industry for advice and recommendations.
- Census of agriculture officials tested the forms nationwide with over a thousand farmers and ranchers asking for their suggestions and advice on questions on the form.
- Representatives of 21 farm-related groups making up the Bureau's Census Advisory Committee on Agriculture Statistics counseled the Bureau on items beneficial to the farm industry. The Committee includes representatives of farmer organizations, agribusinesses, consumer groups, farm cooperatives, and others.

Response to the census is required by law. The same law makes confidential the information furnished by farmers and ranchers on their report forms. Even other government agencies cannot obtain or use the individual reports, and copies retained by the operator are immune from the legal process. Only information in the aggregate is published by the Bureau.

Fit bulls have more sex drive

COLUMBIA, Mo. — Physically fit bulls are sexier.

"Bulls that are physically fit when placed with a cow herd will settle more cows and will have greater libido (sex drive) for a longer time in the breeding season," said John Massey, Extension animal husbandry specialist.

"Fit bulls will tend to stay physically sound, especially if used in multiple sire herds."

He said bulls will exercise themselves in the off-breeding season if their paddock area is big enough. He said bull owners should locate feed and water at opposite ends of the paddock so they force the bull to exercise.

"The ideal bull lot is three to five acres," Massey said. "It should be at least two to three times longer than it is wide, and it should be located on a well-drained slope with shade and shelter and be isolated from the cow herd.

"This space is enough for two bulls. For each additional bull, add one to two acres, depending on the amount of grass or supplemental feeding desired.

"The worst place to condition herd bulls or yearling bulls off test is in a small, flat, poorly drained, open dry lot."

Massey and Homer Sewell, UMC Extension specialist, have co-authored UMC Guide 2020, "Bull Management for Efficient Reproduction," in which they explain how bulls should be kept fit, managed and fed.

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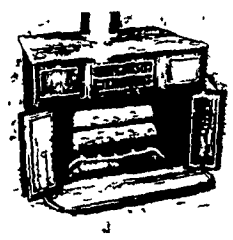
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Luke 1:49

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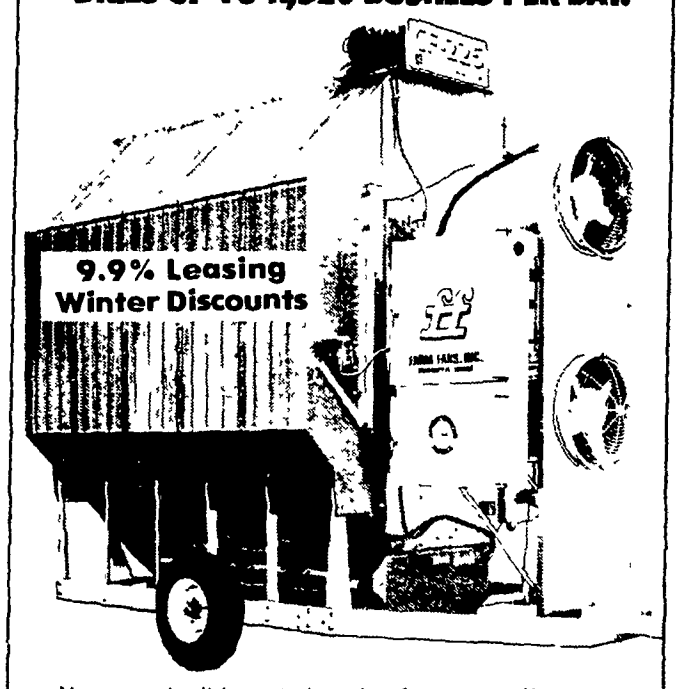

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Internat'l Pig Trade Show draws 3,500

MT. MORRIS, Il. — The second annual International Pig Trade Show held Dec. 2-4 at the Civic Center in Atlanta, Ga. was well received by both exhibitors and attendees and the show sponsor, Watt Publishing Co., has labeled it a success.

Although attendance figures are still to be confirmed, the tentative count indicates a total of nearly 3,500 individuals registered. They came from 31 states in the U.S. and 39 foreign countries.

There were slightly fewer paid exhibitors than in 1981, the first time the event was staged. In all, 1982 exhibitors utilized 242 display booths.

A charter bus tour of commercial and breeding stock hog farms in northern Georgia was held the two days before the show opened, and attracted 70 guests, all from outside the United States. On Dec. 1, the day before the show, the Atlanta Hyatt Regency was the site of an International Marketing Seminar.

Pig management educational seminars, presented in both Spanish and English, were on the program Dec. 2-3 and featured an array of internationally-known specialists in the hog industry.

Planning is now underway for the 1983 show, again scheduled for the Atlanta Civic Center. The dates will be Dec. 1-3.

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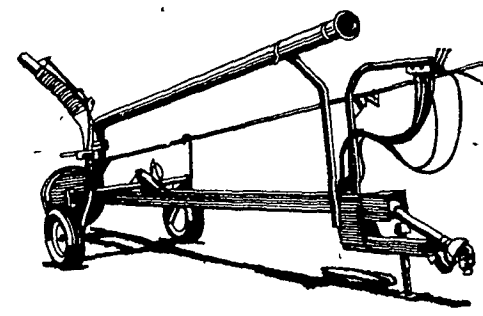

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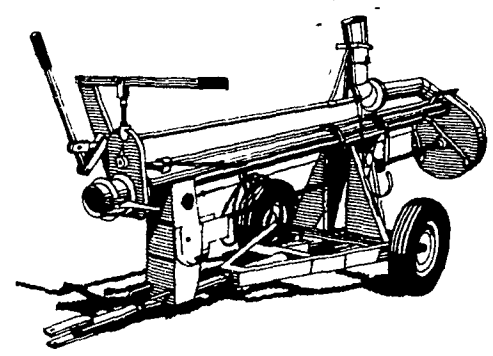

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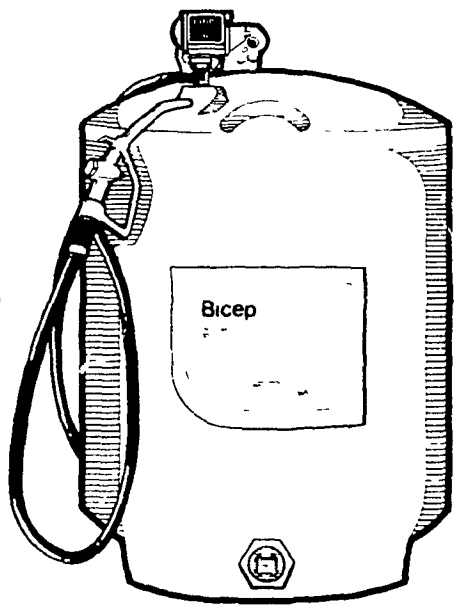

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3 weeks for Purina plant and counting

BY DICK ANGLESTEIN

LANCASTER — In a little over three weeks, the first full-service delivery will be rolling out from the new Purina Chow Plant in the Hempfield Industrial Park west of Lancaster.

That puts the newest of Purina feed manufacturing facilities right on schedule with its scheduled mid-January opening.

Actually, the plant was on an 18-month construction schedule and will be finished in approximately 15.

This week, finishing touches were continuing at the plant just off Rt. 30 at the Centreville exit. Outside, Stauffers of Kissel Hill was planting shrubbery and inside, workmen were engaged in a myriad of last-minute details.

The new Lancaster plant becomes Number 120 of Purina manufacturing facilities in the U.S. and 11 foreign countries.

The local plant is one of three "ground-up" facilities to open in the Eastern Region in the past year. The others are in Wyalusing, Pa., scheduled to open simultaneously with Lancaster, and in Frankford, Ind.

"Six plants have also been acquired in the Eastern Region in the past two years and completely refurbished," Glenn Shields, assistant district sales manager, said.

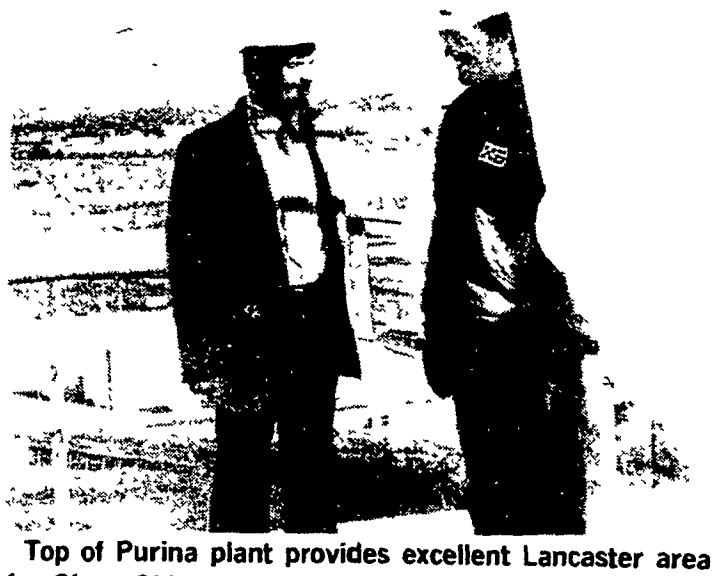
"We have more than doubled our sales team in the region and specialized personnel according to animal species.

"This continuing expansion of facilities and people shows the extensive commitment of Purina to this important agricultural area to provide improved feed products and service."

Bruce Callaway, manager of the new plant, also points out that, in addition to being a supplier of dairy, hog and poultry feed, the facility is already a market for local grain, primarily corn.

"When we're fully underway, we'll be receiving a truckload or two a day of local corn," he explained.

(Turn to Page A39)



Top of Purina plant provides excellent Lancaster area view for Glenn Shields and Bruce Callaway.

Large farm-type house in foreground with cupola bell-tower and Purina plant in background provide contrasting skyline elements west of Lancaster.

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NFO files suit, wins appeal

CORNING, Iowa — The National Farmers Organization board of directors has directed the NFO legal staff to file a case to challenge the statutes imposing a 50-cent per hundred· ight tax on dairy farmers and . suit will be filed within the n t few days, according to Richa Green, chief counsel for NFO.

The NFO attorneys have indicated that a principal ground for attack on the statute will be the unconstitutional delegation of legislative authority to the Secretary of agriculture.

The attorneys said the new law simply says that the secretary "may" impose this tax at his discretion. It does not give him any standards or guidelines or criteria. Thus, he may do it as his whim, and may do it for reasons not in the minds of the legislators when they gave the secretary that authority.

Another ground for filing will be the failure of the Department of Agriculture to comply with the laws regulating the making of rules.

"What we will be seeking is a declatory judgment that the secretary's order is unlawful and prohibiting the collection of the tax.

In other NFO legal issues, the U.S. Circuit Court of Appeals in St. Louis, Mo., has awarded $164,000 to NFO to cover its costs in appealing a decision of federal district court in Kansas City in a suit involving dairy cooperatives. NFO President DeVon Woodland said the award appears to be precedent-setting in two ways.

Woodland said the award was made before final judgment in the case, which was sent back to the court in Kansas City for determination of damages that NFO is entitled to recover from three dairy cooperatives, Associated Milk Producers, Inc., Mid-America Dairymen, Inc., and Central Milk Producers Co-op.

The case has not yet been returned to the Kansas City court because those cooperatives have indicated an intention to ask the Supreme Court of the United States to review the court of Appeals decision.

Counsel Green said it is also the first time this court has awarded to a victorious party in an antitrust case reimbursement of actual expenses for items other than those included as costs of appeals by statute. Green said the award appears to be the highest single award this court has ever granted on an appeal.

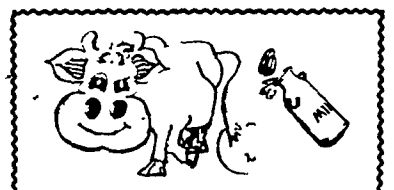
Earlier, the Circuit Court here had dismissed multi-million dollar lawsuits that AMPI and Mid-America had brought against NFO while upholding NFO's countersuit against those cooperatives.

The Appeals Court ruled that NFO did not violate antitrust laws, but said those three dairy cooperatives did conspire to monopolize milk sales during the late 1960s and early 1970s.

Woodland noted that the decade-long court suit has been a substantial financial burden for the organization over the years and NFO had made numerous attempts to settle the suit before and during the trial.

"This award is the first step in recovering not only costs but also damages," Woodland said.

The Court of Appeals directed that AMPI, Mid-Am and CMPC each pay to NFO one-third of the award.



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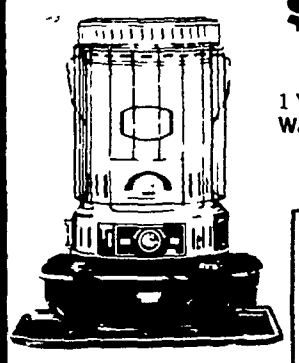

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Now is their season to plan for yet another season of rebirth of the land As one year ends and another begins, let's remember these keepers of the land and the life-giving meanng they impart to the seasons

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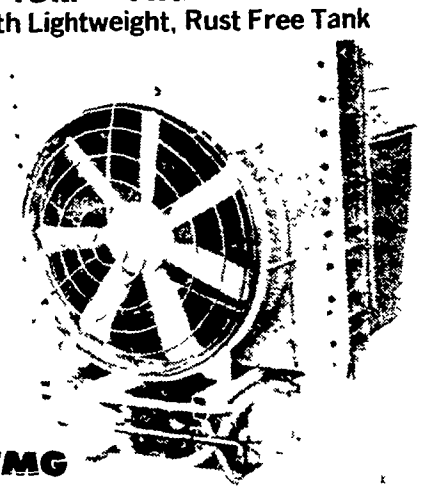

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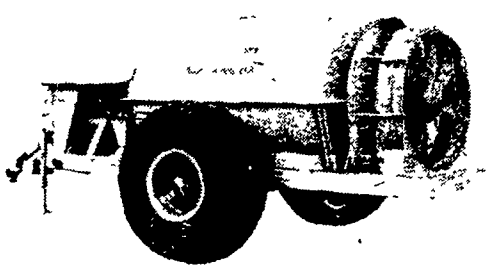

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Block appoints Caribbean advisory council

WASHINGTON, D.C. — Secretary of Agriculture John R. Block appointed 27 members to the U.S. Department of Agriculture's Agribusiness Promotion Council, created to help carry out agricultural development under President Reagan's Caribbean Basin Initiative.

Block said the council also will advise USDA's Office of International Cooperation and Development on policies, strategies and programs designed to accelerate economic development and increase political stability in the Caribbean Basin region.

Block told the council, which had its first meeting here today, that greater private involvement in implementing Caribbean Basin Initiative will benefit the United States as well as countries in the Caribbean Basin region.

Business investment which improves the economics of developing nations will lead to increased trade, Block said. "Strong economies make good customers to U.S. products." Two-way trade amounted to $3 billion with countries in the region last year, he said.

USDA and U.S. agribusiness can and should work together in the effort to assist the countries in the Caribbean Basin region, Block said. "We both have the kind of expertise they need most."

Ray A. Goldberg, Moffett professor of agriculture and business, Harvard University will serve as chairman of the council.

Members of the Agribusiness Promotion Council announced today are:

John Anderson, president, Farmland Industries, Inc., Kansas City, Mo.; Dwayne O. Andreas, chairman of the board, Archer Daniels Midland Company, Decatur, Ill.; Larry Arnese, president Ed. J. Lyng Company, Modesto, Calif.; Arthur B. Calcagnini, president Merrill Lynch Coffee, Sugar and Cocoa, Inc., New York, N.Y.

R.W. Fischer, president Soypro International, Inc. Cedar Falls, Iowa; John W. Fisher, chairman of the board, Ball Corporation, Muncie, Ind.; Luis Guinot, attorney, Chapman, Duff & Paul, Washington, D.C.; J.W. Hackamack, chairman of the board, Doane Western, Inc., St. Louis, Mo.

Clifford Hardin, director Center for the Study of American Business, Washington University, St. Louis, Mo., and former U.S. secretary of agriculture; Waldo G. Heron, president Food Processing Consultants Company, Fillmore, Calif., Ralph Hofstad, president

Peter Johnson, executive director Caribbean-Central American Action, Washington, D.C.; Donald J. Kirchhoff, president Donald J. Kirchhoff, Inc., San Francisco, Calif.; Barbara Lezar, director of international commerce, Houston Chamber of Commerce, Houston, Texas.

M.D. McVay, president Cargill, Inc., Minneapolis, Minn.; Arthur L. Quinn, attorney, Gadsby & Hatch, Washington, D.C.; Thomas H. Roberts, Jr., chairman of the board, DeKalb AgResearch, Inc., DeKalb, Ill.; Robert L. Ross, president Latin American Agribusiness Development Corporation, Coral Gables, Fla.

Howard I. Simon, president Westons Shoppers City, Inc., New York, N.Y.; Phillip V. Sanchez, president California Management Associates, Fresno, Calif.; Harry Smith, Jr., president St. John International, Inc., Washington, D.C.; Robert Spitzer, president Milwaukee School of Engineering, Milwaukee, Wis.; Dionisio Trigo, President Casera Foods, San Juan, Puerto Rico.

Sharon Webster, director, international economic research, Occidental Petroleum, Washington, D.C.; R.O. Wheeler, president Winrock International Research & Training Center, Morrilton, Ark.; and J. Kelley Williams, president First Mississippi Corporation, Jackson, Miss.

Melvin H. Evans, U.S. Ambassador to Trinidad and Tobago, has been named a special advisory member.

All members will serve in the council for 2 years on a voluntary, nonreimbursed basis.

Piggy-back pine

Christmas tree farming is one of the most seasonal of agricultural pursuits. Countless thousands of trees are grown in Pennsylvania and surrounding states. And they get from plantation to living room in many ways. Here's one giant tree being transported from Frey's Evergreen Plantation in southern Lancaster County. The tree was actually bigger than the car almost hidden beneath it. But can you imagine the size of the living room that now must be needed to contain it.

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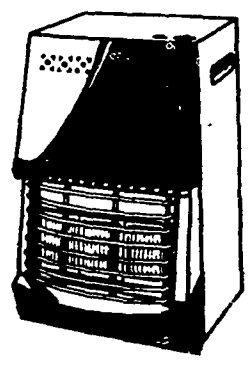

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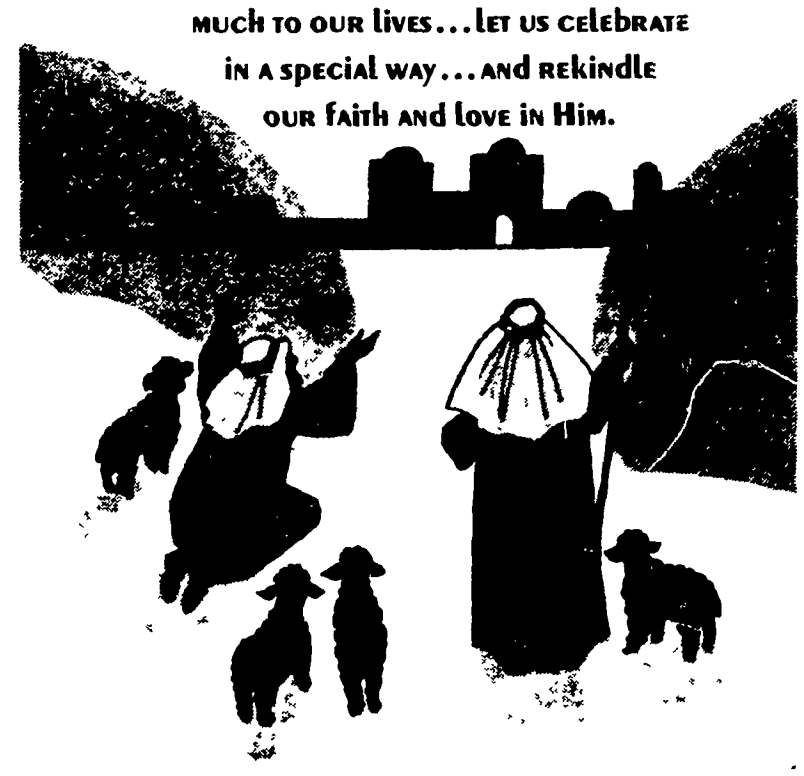

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As national Brown Swiss hosts

Trimbles kick off convention countdown

BY DONNA TOMMELLEO

PEACH BOTTOM — Amid the twinkling of yuletide decor and choruses of Auld Lang Syne, people all over will bid farewell to another year and look with hope and expectation to the next.

For a special group of Pennsylvanians, however, 1983 means mobilizing ideas into action, rather than wishful resolutions.

The Pennsylvania Brown Swiss Breeders Association, next year, will take on the task of hosting the National Brown Swiss Convention, scheduled for next November at Lancaster's Host Corral. Already members have been assigned to committees to examine possible programs and tours.

Helping to coordinate, in part, the joint effort put forth by the members, is the state association's president Lancaster County dairyman Don Trimble.

"This will be the first time that Pennsylvania has hosted the national convention," Trimble explains.

So in the months ahead, Trimble's association will move closer to their goal of a successful national convention. Meanwhile, Trimble and his wife Carol are striving toward their personal goal — a total registered Brown Swiss herd, only. The Trimbles currently milk about 36 Brown Swiss and about the same number of Holsteins. While all the Swiss are registered, only one third of the Holstein herd is registered.

The seeds of the Trimbles' goal were planted in New Jersey in the mid-'60s. Don, a southern Lancaster County native moved to the Garden State to work as a herdsman for Lee's Hill Brown Swiss Farm.

Although he was born and raised on a Holstein dairy, it was at the nationally-known Lee's Hill that Trimble developed a fondness for the big, gentle Alpine breed.

"They have a large body capacity and they do a little better on forage," Trimble says. "They tolerate changes in hot and cold weather well."

Carol echoes her husband's reasons for choosing Swiss and adds one of her own.

"They're also very gentle," she says. And although gentleness is not a major economic factor or probably won't put any more milk in the tank, Carol nevertheless keeps the attribute high on her priority list.

For while in New Jersey, Don Trimble met and married Carol, whose parents weren't dairy farmers, but florists.

"I was afraid of cows," she remembers. But living at Lee's Hill, Carol never had to put her fears to the test because the dairy was well staffed with employees.

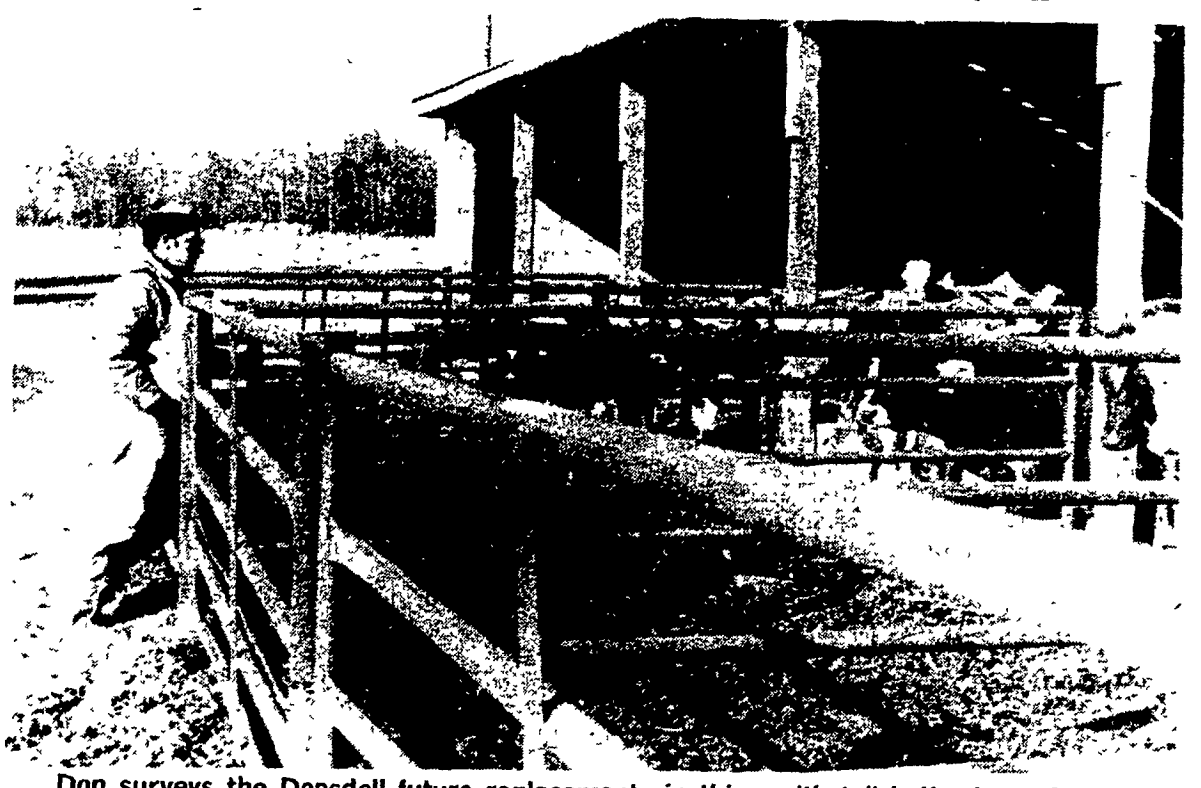
However, moving back to Peach Bottom was another matter. The Trimbles returned in 1969 with, " a car, a little bit of furniture and a baby girl," Don recalls. And eventually the florists' daughter had a taste of farm life from the other side of the fence.

"I was feeding one day and saw hoof prints in the feeder," she explains. Carol's imagination began to run away with her, she recalls, and she thought that somehow the bull had run through the feeder and gotten in with the herd. Meanwhile a cow walked up behind her and began breathing on the back of her neck.

Carol probably broke every Olympic track record that day as she dashed from the lot, leaving one perplexed cow who probably never knew humans could move so fast.

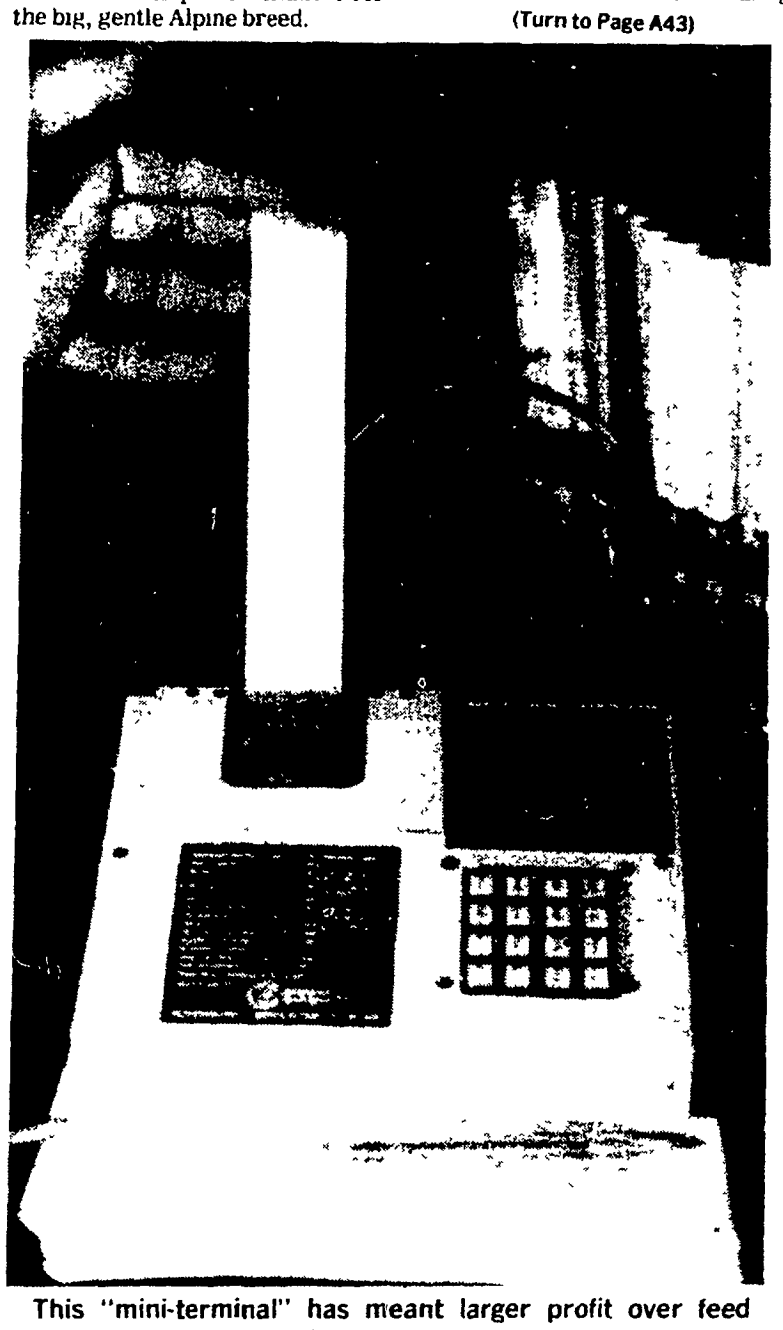
Things certainly have changed at Donsdell Farm, since Carol's tearful feeding experience. And although Don carries out the bulk of the work for the 74-cow milking

(Turn to Page A43)

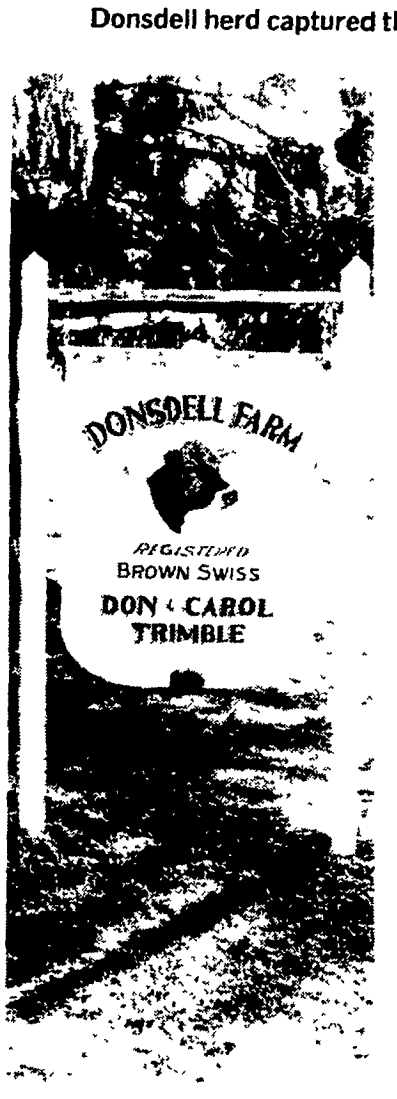


Don surveys the Donsdell future replacements in this multi-stall heifer barn. The facility was an old chicken house but poor ventilation hampered conditions for humans and animals. Consequently, the hen house gave-way to a more efficient, better ventilated facility.

This 2-year-old exhibits some of the classic gentleness that Don and Carol enjoy in their Brown Swiss. The Swiss herd also exhibited their dairyness this year, as the Donsdell herd captured the top DHIA award for milk and fat for their breed.



This "mini-terminal" has meant larger profit over feed costs of the Trimbles. Their computer feeder reacts to the individual needs of herd members and Don and Carol were able to switch from purchased pellets, which they fed in their extinct magnetic feeders to a less expensive home mix.



Two herdmates, members of Don Trimble's high-producing group size up this picture-taking session. Eventually, the Peach Bottom farm hopes to phase out the Holstein participation and milk strictly the big, brown Alpine cattle.

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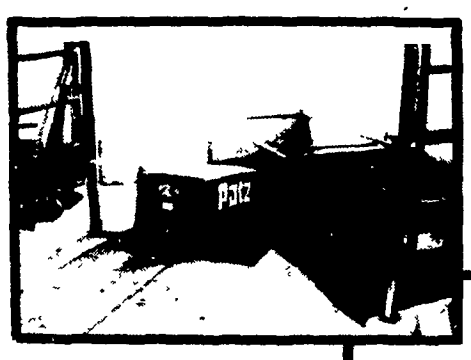
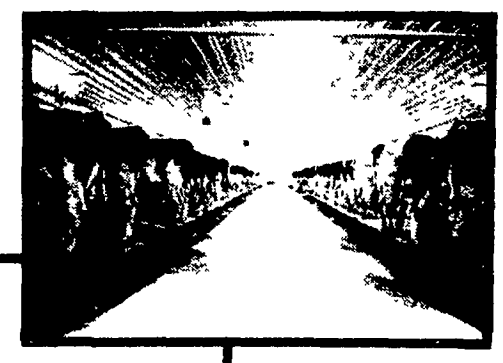
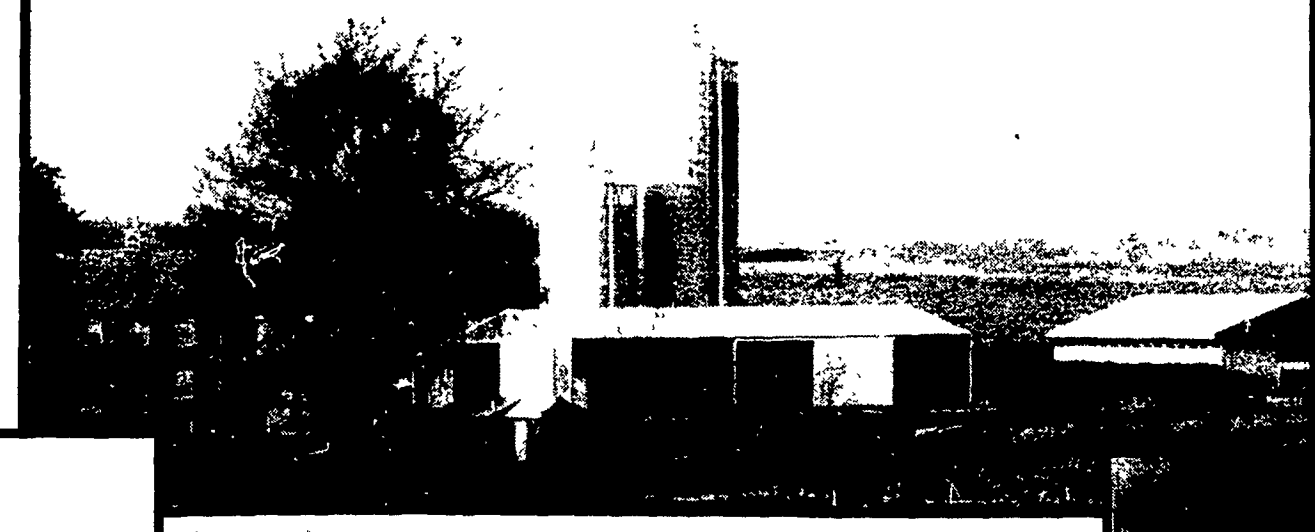


WEDNESDAY, DEC. 29

9:30 AM to 2:00 PM

★ Refreshments ★ Door Prizes





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since 1980

James Gordon
Oxford, PA
Unit 3 Pro. Tech.
since 1980

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Dover, DE
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since May/82

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Unit 4 Pro. Tech.
since 1953

Charles Hendricks
Elverson, PA
Unit 5 Pro. Tech.
since 1965

Jim Verga
Cochranville, PA
Unit 15 Pro. Tech
since 1979

Richard
Coatesvi
Units 4-5-
since 1

Lloyd Pease
Gratz, PA
Unit 11 Pro. Tech.
since 1981

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Annville, PA
Units 9-10-11 Coor.
since 1980

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Lancaster Area
Supervisor

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Gordonville, PA
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since 1979

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Drumore, PA
Unit 14 Pro. Tech.
since 1979

Glenn Martin
New Holland, PA
Unit 16 Pro. Tech.
since 1980

Jeffrey Sherman
East Earl, PA
Units 12 & 16 Coor.
since 1980

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Unit 18 Pro. Tech.
since 1950

Paul We
Mt. Joy
Unit 17 Pr
since 1

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Unit 22 Pro. Tech.
since 1948

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Brodbeck, PA
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since 1973

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since Jan./82

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since 1967

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since 1981

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Greenst
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since

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since 1956

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since 1

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since 1979

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since 1970

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Meadville, PA
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since Aug./82

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since 1979

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since 1957

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Brookville, PA
Units 72-73-74 Coor.
since 1978

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Sidman, PA
Central Area
Supervisor

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New Enter
Unit 36 Pr
since 1

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Units 39-40-41 Coor.
since 1968

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since March/82

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since 1979

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since 1974

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Unit 44 Pro. Tech.
since 1978

Charles Thomas
Garrett, PA
Unit 45 Pro. Tech.
since 1978

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Berlin, PA
Unit 46 Pro. Tech.
since 1960

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Units 44-
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Unit 15 Pro. Tech
since 1979

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Coatesville, PA
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since 1967

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Kulpsville, PA
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since 1957

Roderick Watson
Bally, PA
Unit 7 Pro. Tech.
since 1980

Raymond Miller
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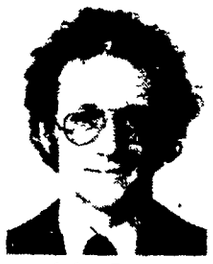
Unit 8 Pro. Tech.
since 1981



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Units 6-7-8 Coor.
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Schaefferstown, PA
Unit 9 Pro. Tech.
since 1979

Robert Keen
Campbelltown, PA
Unit 10 Pro. Tech.
since 1981

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since 1950

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since 1955

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since 1949

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since 1979

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since 1978

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since 1981

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since 1981

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Wayne Allaman, Jr.
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since 1981

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since 1956

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since 1950

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Titusville, PA
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since 1959

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Unit 66 Pro. Tech.
since 1967

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Waterford, PA
Unit 67 Pro. Tech.
since 1948

Vernon Hatch
Corry, PA
Unit 68 Pro. Tech.
since 1970

Duane Osborn
Waterford, PA
Units 66-67-68 Coor.
since June/82

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Sidman, PA
Central Area
Supervisor

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New Enterprise, PA
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since 1980

William Myers
Bedford, PA
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since 1957

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Loysburg, PA
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since 1977

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Martinsburg, PA
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Livestock Marketing Congress set for June 14-18

KANSAS CITY, Mo. — Livestock and meat industry representatives from around the world will hear more than 30 speakers, panelists and moderators discuss "Building World Trade" at next June's Fifth World Meat and Livestock Marketing Congress.

The Congress, to be held June 14-18 in Nashville, is expected to draw more than 1,000 registrants, according to Livestock Merchandising Institute Chairman Glen Allen.

It will be jointly conducted by the Institute and the International Permanent Office, known throughout the world as OPIC, or the Oficina Permanente Internacional de la Carne, which is headquartered in Madrid, Spain.

OPIC is an international meat industry organization, with members in Europe, South and Central America, Africa, Mexico and the United States.

Allen said the Congress intends on making representatives of the livestock and meat industry "more aware of the opportunities in world trade."

To do this, Congress planners have divided the program into five sessions, Allen said. The first session will explain the significance of the conference and its theme, and present background information on the world's meat production industry and the current state of the world economy.

Session topics include "Why Build World Trade?"; "The Current Status of World Livestock Production"; and "The Current Status of the World Economy."

Session Two is titled "World Livestock Production and Marketing," and will cover several important topics in this area. They will include "Production Methods," both in the host country and in the rest of the world; "Genetic Techniques"; and "Producing For Foreign Markets."

The third session will look at the critical area of "Transportation." Topics to be covered will be "Preloading Requirements and Activities"; "Moving Livestock By Air"; "Moving Livestock By Sea"; and moving the livestock "From Port to Ranch."

Session Four will consider the current state of the art in "World Meat Processing and Distribution," along with various regional and national preferences for meat.

Topics to be covered during this session will be "The Model Meat Plant"; "Restructuring, Canning and Pouching Meat"; "Methods of Sanitation"; and "Quality and Grades - Demand and Identification."

Allen said the fifth and final session will cover the important topic, "Trade Development, Financing and Policy." Topics during this session will be "Sources of Finance"; "Opening the International Markets"; "Barriers - Tariff and Non-Tariff"; and "Free Trade or Protectionism."

An international group of speakers will be announced to discuss these topics, Allen said. Congress registrants will have the opportunity to ask questions of the program speakers.

The Nashville Congress will combine OPIC's biennial World Meat Congress and the Institute's annual Livestock Marketing Congress.

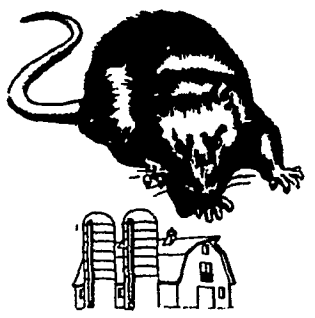
A related event will be the 20th World Livestock Auctioneer Championship, to be held Saturday, June 18, at Dickson Livestock Auction Center, Inc., Dickson, Tenn.

The Institute is a non-profit, non-political organization. It is composed of over 1,000 Trustees, primarily from North America, who are leaders in the various businesses related to the livestock industry.

Registration information can be obtained by contacting Livestock Merchandising Institute, 301 East Armour Boulevard, Kansas City, Mo. 64111, telephone 816/531-2235.

MILK
The Fresher Refresher

ATTENTION FARMERS... FREE ESTIMATES ON RODENT CONTROL



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Reservations must be in by Dec. 30th.

SEASON'S GREETINGS
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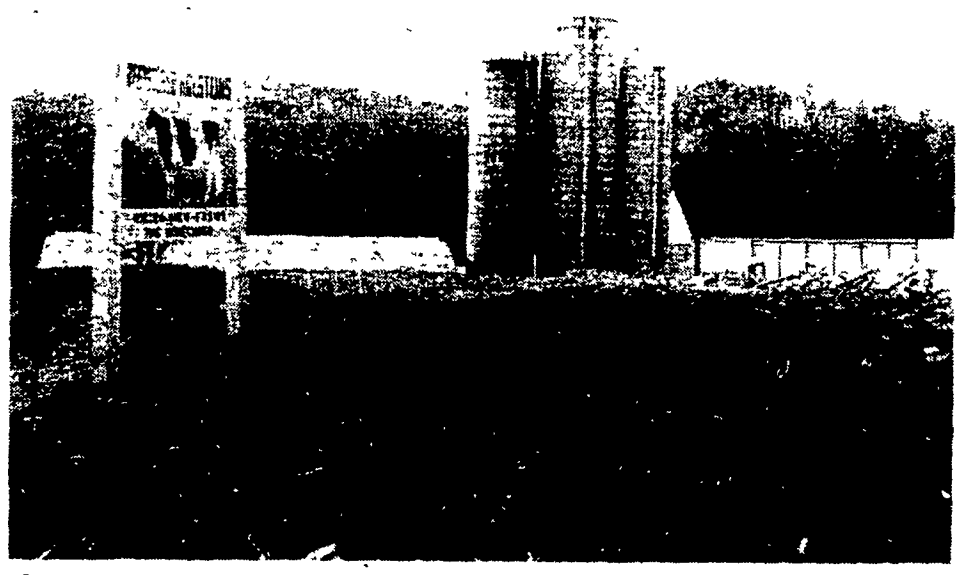
OPEN HOUSE

THURSDAY, DECEMBER 30, 1982
10 A.M. - 2:30 P.M.

HIDDEN VIEW FARMS

Charles and Tim Kissling
R.D. 1, Robesonia, PA



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62 Cows	22,182	3.5	770
1981 Berks Co. High Herd Fat			
66 Cows	21,373	3.9	832
1982 Berks Co. High Herd Fat			
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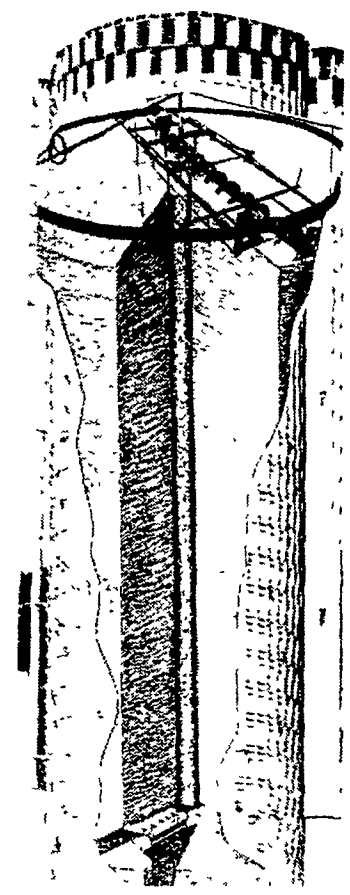
- ★ Facility constructed by Martin's Construction Co.
- ★ 2½" around the barn Bou-Matic pipeline
- ★ Dari-Kool Bou-Matic milk tank and Thermastor Heat recovery unit



FEEDING DEMONSTRATION AT 11 A.M. and 1 :30 P.M.

Directions to Kissling Farm

Take Rte. 422 to Robesonia. Near west end of town, turn north on Bernville Rd. at Kiss Supply Store. Proceed 2 miles, then turn right (east) on Brownsville Rd. Proceed 2 miles, the farm is on the right side of road.
From the north, take Rte. 183 to Bernville. At east end of town, turn south onto Robesonia Road Proceed 4 miles, then turn left (east) onto Brownsville Road. Proceed 2 miles to the farm.

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Soybean farmers vote emergency funds for export promotion

ST. LOUIS, Mo. — Soybean farmers will invest an additional $557,000 in checkoff funds during 1983 in eight emergency export promotion programs. Approved by farmer leaders on the American Soybean Association board of directors, the action is part of an ASA move to generate increased demand for U.S. soybeans and return prices to profitable levels, says ASA President B.B. Spratling, Jr.

The majority of the approved programs focus on expanding soybean oil utilization.

"Because of the large surplus of oil stocks and the current low oil price, the financial crunch is really on the soybean oil side," explains Dennis Blankenship, ASA director of market development. "We need significantly increase demand for soybean oil in order to reduce supplies and increase price."

Included in the projects are a major expansion of efforts to promote non-food uses of soybean oil in the U.S. This includes using soybean oil as an agricultural crop oil, as a grain dust suppressant and as an industrial replacement for petroleum oil.

Other newly approved projects are soybean oil promotion campaigns in West Germany, Belgium, Italy and Japan; a domestic soybean oil education program for dieticians and home economists and a push to increase soybean oil *PL480* and government credit allocations.

"ASA's biggest, most dramatic change in export promotion is the non-food emphasis in the U.S.," says Klakenship. "Up till now, ASA promotion activities in the U.S. have been focused on food uses of soybean oil. If the U.S. program is successful, ASA will increase worldwide promotion of the industrial uses of soybean oil."

President Spratling stresses that "the expansion of industrial uses of soybean oil in the U.S. alone will help U.S. soybean farmers." Spratling reports that statistics show that ASA's new program could increase soybean oil usage in the U.S. by almost 75,000 metric tons per year, over a three-year period.

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Soil map available from Penn State

UNIVERSITY PARK — Penn State's College of Agriculture has a soil map for Pennsylvania unlike anything published elsewhere. It is entitled the Land Resources Map of Pennsylvania and features 153 soil groups.

First published in 1976, the map is issued as an educational, nonprofit function of the agricultural Experiment Station, the research division of the College.

Robert J. Flipse, assistant director of the Station, said the Land Resources Map brings together factors of soil depth, drainage, available moisture, and productive capacities of soils.

The map has been used widely by industrial and community planners, Dr. Flipse commented. High school and college teachers find it helpful in studying earth sciences. It was developed by Howard W. Higbee, professor emeritus of soil science, who considers it vital for soil and water resources managers.

Copies are available for $3.25, tax and shipping included, from Land Resources Map, Department 6000, University Park, PA 16802. Make check or money order payable to The Pennsylvania State University. Allow at least two weeks for delivery. The map may also be purchased directly in room 204 of the Agricultural Administration Building at University Park. The office is open from 8 a.m. to 5 p.m., Monday through Friday, except holidays.

Multiple patterns and colors are used to portray the 153 soil groups — coded and symbolized for identification. Each soil unit or group is evaluated by 16 characteristics. The more important characteristics are depth, soil drainage environment, geological source of soil material, available moisture, plant rooting zones, and dominant crop production.

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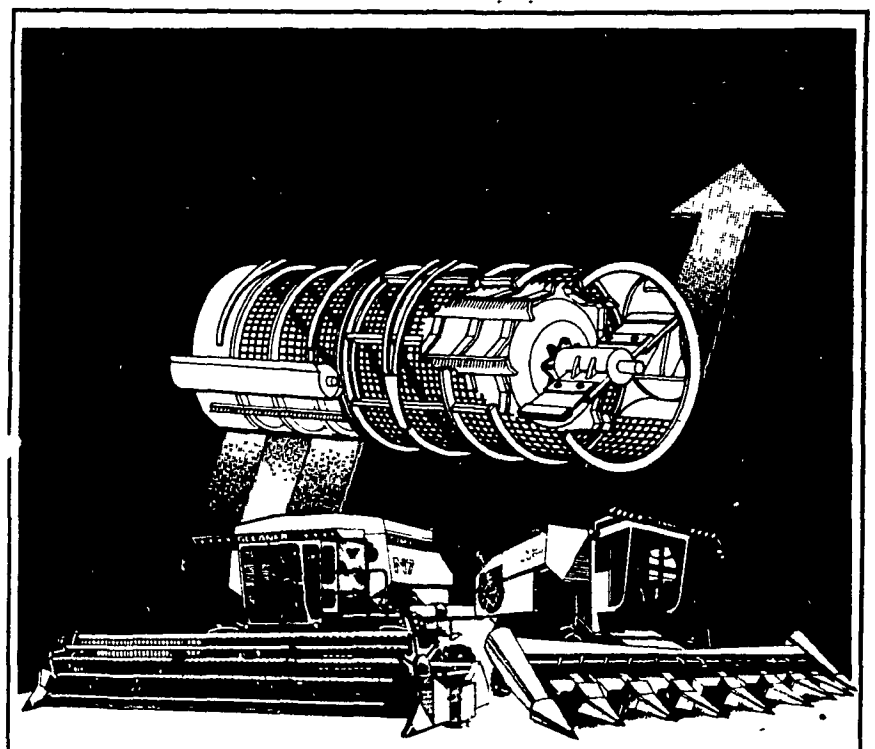

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Berks holds farm business workshop

By Robin Phillips

LEESPORT — Addressing the problems of over-utilizing borrowed funds and maintaining good relations with your lenders were area bankers and businessmen at the recent Farm Business Workshop held here at the Berks County Agricultural Center.

Held last Tuesday and Wednesday, the workshop featured representatives from several local banks and was attended by approximately 60 area farmers.

Bill Hughes, vice president of the Agricultural Division of American Bank and Truct Co., discussed "What are you Worth?" and the importance of complete and accurate financial statements and their meaning. Following Hughes, a panel consisting of Ken Overly, agricultural division of the Bank of Pa., Eugene Olshefsky, manager of the Shoemakersville office of Farm Credit, and Steve Scope, county supervisor for Farmers Home Administration, discussed what bankers are looking for from farmer lenders.

Gary Rothermel, regional manager for the Pennsylvania Farmers Association Record Program, was present to emphasize the importance of complete records, including accurate analysis of profits and losses.

Discussing the current farm financial difficulties, cash flow, and the meaning behind financial reports, was Fred Hughes, professor of Farm Management at Penn State. He stressed that now is the time when farmers need to be conservative and not take chances due to inflation and high costs.

On the second day of the workshop, Rand Setzer, appraiser for the Fogelsville branch of Farm Credit, discussed farm budgeting, and Fred Hughes continued with "Partial Budgeting as a Decision Tool" and the understanding of the cost of borrowing and debt carrying abilities.

Concluding the workshop, the entire group of professionals formed a panel and conducted a question and answer period on keeping out of financial trouble.

The Farm Business Workshop was sponsored by the Berks County Extension Service, Clyde Myers, County Agent, and the following banks: American Bank, Bank of Pennsylvania, First National Bank of Leesport, Farm Credit Association, Hamburg Savings and Trust Co., and the First National Bank of Boyerstown. The curriculum for the workshop was proposed by a planning committee consisting of these banking representatives, organized by Clyde Myers, Extension Agent.

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Gem-Rock is Holstein operation in transition

BY DICK ANGLESTEIN

ANNVILLE — The Gem-Rock Holstein operation, now under the direction of the third generation Kenneth Sellers family, could be described as a herd in transition.

The operation, founded by Elmer H. Dutweiler in the early-40's and recently honored by the Lebanon County Holstein Breeders, led the county in 1980 and 1981 in butterfat production with averages of 762 and 741 lbs.

Milk production avereaged 19,400 and 18,900 lbs.

But this year, production has slipped to 16,600 milk and 632 fat.

The reason for the slip is a good one. The operation is undergoing a completely internal expansion in cow numbers that has very nearly doubled herd size.

And brand new facilities– barn, milk house, feed room, silos and manure storage – to accomodate the larger herd will be on display at an open house on Wednesday at the farm located along Rt. 934 about halfway between Rt. 322 and Annville.

"We had 43 stalls in the old barn," Ken Sellers explains.

"Now, we have 60 tie stalls and three box pens in this new barn. Only four stalls are empty and we've been busy building up the herd completely from within.

"In full rotation, we'll have about 60 to 70 cows, with the dry cows kept in the old barn with the heifers.

"We hope to get back into merchandising again, too. We've had to cut back on that the past year or so due to the expansion.

"But in another year or two we should be getting back to where we were before all the expansion began."

The old barn, which sets closer to the road, was beginning to show its age. There was pipeline trouble and the gutter cleaner was shot.

"So, we had to decide whether to overhaul or build new," Sellers said.

"We decided to get something we wanted and I haven't been sorry. Sure, it's going to be tight for awhile with the cutback in milk support, but it's been a pleasure working in the new barn and feeding from a completely enclosed area."

In addition to the 38 by 170-foot barn, there's a milk house and office wing. The feed room extends some 60 feet off the barn past the two brand new Madison silos -- a 20 by 65 Nutrimatic and a 20 by 40 Grainamatic.

The concreted and roofed manure storage structure is capable of holding about a six-month supply. A Patz fan is located right in a corner of the barn.

There'll be no freezing problem and working on it is much easier, Sellers said.

"There's some odor when it's working but the fans quickly remove it. And there's been no splashing problem.

Another unique device is located just across the entrance from the barn.

When people come in, they ask what this little trough is, Sellers said.

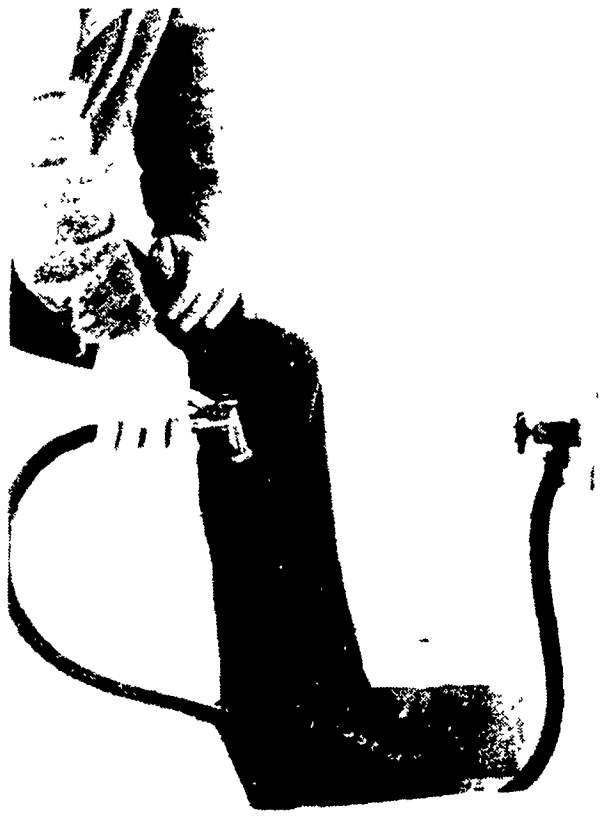
It's a boot wash and our veterinarian recommended it.

The Annville-Cleona FFA graduate took over the operation in 1970 from his father, Harold. A year later, Ken received his American Degree. Now, he's a member of the Young Farmers.

But the operation could be called the Five-K. There's Ken and Karen, the daughter of a Lebanon

(Turn to Page A40)

Five-year-old Kevin Sellers gives mom and dad, Karen and Kenneth, an extra big hug in new dairy barn. The fact that Christmas was just around the corner had nothing at all to do with his impromptu show of affection.



New Gem-Rock dairy barn contains small trough used as boot bath. Although he's not wearing boots. Ken Sellers demonstrates bath.

Spreader stands idle and will not be used as much on Kenneth Sellers farm as new manure storage facility goes into operation.

Straw fodder as good as hay?

MONROEVILLE — With the price of feed what it is, imagine the savings possible with straw fodder as good as medium-quality hay. And think of the acreage that could be diverted from hay, silage or other forage crops to more profitable uses.

These money-saving prospects are now realizable with the Danish FMA An-Stra-Verter that uses ammonia to increase the digestible crude protein in spring barley straw by 300 percent, states the processor's distributing firm the C.A. McDade Company.

Farmers in Denmark, as well as members of the staff of the Danish Boiteknik Institute, support the claim that the FMA An-Stra-Verter does indeed double the digestibility and food value of straw. Also, that one An-Stra-Verter will provide enough feed for 100 beef cattle per day, or 70 milk cows.

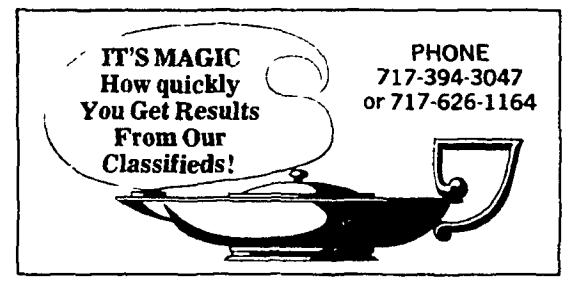
Tests have demonstrated that heifers kept on an exclusive diet of ammonia-treated straw ate approximately 13 pounds per day and gained ¾ pound per day.

The process is remarkably uncomplicated. A bale of straw is placed in the FMA An-Stra-Verter, which looks like a large oven. A 23-hour completely automatic cycle follows, during which the straw is dosed with 3% of ammonia on-weight-of-the-straw for a period of 15 hours at 90° Centigrade. The straw is then allowed to cool for four hours, after which it is aerated for four hours and is then ready to be served to stock, or stored for up to one year without deterioration. Each day the cycle is repeated.

For calving dairy cattle on a 25 percent fodder total, ammonia-processed straw is recommended for 50 weeks; for calving suckle cows on a 70 percent fodder total, 12 months; heifers on a 45 percent fodder total, 22 months; beef cattle on a 40 percent fodder total, 12 months.

Winner of an award of merit at the 1982 Royal Show in England, the FMA An-Stra-Verter is available in three different-sized models processing volumes of 1,100 to 1,760 pounds per day, 1,540 to 2,200 pounds per day and 1,980 to 2,640 pounds per day.

For more money-saving details on the innovative FMA An-Stra-Verter process contact C.A. McDade Company, Inc., P.O. Box 277, Monroeville, 15146.



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Terraces solve turkey farmer's troubles

BY SHEILA MILLER

NEWPORT — Perry County turkey grower Jim Hoover had a problem — what to do with the manure generated by the 125,000 turkeys he raises each year.

While most farmers would be more than happy to have that rich fertilizer to spread on their land, Jim found that all that turkey manure was not working well in his farming operation.

A conservation farmer since 1972 when he purchased the 165-acre farm that lies along Turkey Bird Road, just over the Juniata River from Route 322, Jim's manure management problem did not bring headaches at first since he farmed the cropland fields in strips of corn, hay and small grains, and had fewer birds in his neophyte enterprise.

But, as his turkey business grew, Jim began to notice problems.

"One of my greatest problems was getting my manure worked into the land," recalls Jim. With strips of hay staying between the corn strips for a number of years, there was no way to incorporate the dry turkey manure into the hayland until the year the sod would be turned over," he explains, adding the manure "just laid on top of the ground."

To get around the hay problems, Jim substituted small grain strips for his hayland. The limitations experienced by Jim in farming his small grain strips was not working the manure into the land, but the fact that too much fertilizer caused the small grain crops to lodge, making harvest next to impossible. Also, Jim realized the needed erosion protection was not provided by alternating corn with small grains, even though that rotation permitted manure incorporation.

As gullies began to recur in fields with each plowing season, Jim said he decided to try no-till farming as an erosion control method. "But I couldn't get good weed control," he recalls, "and there was no way to incorporate the manure into the soil unless I chiseled or plowed."

Looking for an answer to his dilemma, Jim remarks how he happened to read an article in Lancaster Farming about a Lancaster poultryman who used cropland terraces to control erosion on his cropfields. That story, says Jim, piqued his curiosity, so he contacted his local Soil Conservation Service office for more information. That was in 1980.

Today, Jim is Perry County's first farmer to have cropland terraces with tile outlets controlling the erosion on his farm. He says he was sold on the idea after visiting several Lancaster County farms with similar shale soils where terraces were installed and working.

This past March the first terrace was built in about four days with a bulldozer operated by Harold Styanger of Millerstown. "The most time consuming part of the project was putting in the tile outlets with a backhoe first," says Jim.

The first terrace measured 900 feet in length, notes Perry County's District Conservationist Tom Balthaser. And just last month, another 2,000 feet of terraces were constructed — bringing the total erosion control earthen berms to four.

SCS's soil conservation technician Jim Bistline, who designed and supervised the installation of the terraces, recalls how he staked the system four times until he was satisfied with the alignment of the terraces.

"It was our first attempt at tile-outlet terraces," he explains, "and it's difficult to lay them out keeping them parallel." Even with his determination to keep the field "farmable," with the terraces blending in across the 5-6 percent slope, Jim admits the field will have some short rows to farm.

With one crop season under his belt farming with the terrace system completed last spring, Jim says he is "pleased with the results" although he adds he hasn't had enough time to compare yields between the terraced and no-tilled fields.

Once the 4,200 feet of terrace systems are completed in his "biggest problem" field, roughly 25 acres will be protected from the scouring effects of erosion. Jim describes the Calvin shaley silt loam soil he farms as "good ground for Perry County. It pays to try and conserve it." His sentiments reveal why he believes the $8,000 investment is worth every penny.

By cooperating with the federal Agricultural Stabilization and Conservation Service office in Perry County, Jim received financial assistance for his conservation efforts. In the Long Term Agreement program, the ASCS picked up roughly 50 percent of the cost of installing the terrace system.

"The terraces have worked out so far," remarks the Perry County turkey farmer. "I hope I made the right move and that they continue to do the job since both sides paid money out.

Jim has nothing but praises for SCS's Tom Balthaser and Jim Bistline who planned and engineered the project. "Those two are real nice guys. They work closely with farmers," he observes, while driving back to the

(Turn to Page A34)

Perry County turkey grower Jim Hoover, Newport, left, stands on the berm of a newly constructed cropland terrace that protects his Calvin shale soil from erosion. Soil Conservation Service's Jim Bistline talks to Hoover about maintenance of the title outlet which carries the runoff water safely downhill via underground drains. In the background is Hoover's turkey operation.

Hoover, who had studied dairy husbandry at the National Agricultural College (now Delaware Valley College in Doylestown), says he misses the security of dairying, having traded cows for "higher risk" turkeys when he and his wife Sandra purchased their 165-acre farm in 1972.

SCS's District Conservationist Tom Balthaser, left, helped Hoover plan the needed conservation for the farm, which included a trip to several Lancaster County farms. Getting all the manure produced by his 125,000 birds applied on his farmland led Hoover to cropland terraces instead of strip-cropping and no-till. He says he first got the idea from reading an article in Lancaster Farming.

Farming and operating the turkey business at Hoover's Turkey Farm has brought son Craig, 21, left, into the business. An independent grower, Hoover boasts a mortality loss of only three percent (national average is somewhere between 8 and 10 percent, Hoover notes)

Bistline trades beef for conservation business

BY SHEILA MILLER

NEW BLOOMFIELD — There's hardly a farmer in scenic Perry County who doesn't recognize the face of an agricultural friend driving up the lane in a dark green and white pickup truck with a raindrop insigaia on the door. Working for the Soil Conservation Service, Jim Bistline's sincere advice and expert experience has helped farmers overcome conservation problems for the past two decades.

"I've been around so long that farmers begin to expect me to stop in and tell them about any erosion problem I see," says Jim.

Born and raised in rural Landisburg, Perry County, Jim didn't always work for the Soil Conservation Service. Until 1962, Jim farmed in partnership with his brother Joe in the beef feeding business.

Jim's 50-acre farm provided him with a fulltime job "until the dry years of the early '80s." That's when the cattle business hit rock-bottom prices, Jim recalls, and

Jim Bistline, soil conservation technician in Perry County, reviews a conservation plan for a farmer with District Conservationist Tom Balthaser, seated. Jim has worked for SCS for the past 20 years, ever since the bottom dropped out of his beef business.

Jim Bistline is a friend of Perry County farmers. As he travels the back country roads of the county, Jim says many farmers look for him to drive up to their farms anytime he sees an erosion problem.

forced him into a career turning-point.

"Up until that time, we usually took out a bank loan and bought about 60 head of cattle from Virginia. We fed them out and marketed them in the fall and paid back our loan," Jim says. But, in 1961, a number of factors worked against the beef feeder which drove many, like Jim, out of the business and into new careers.

A dry summer that year stunted most Pennsylvania farmers' corn crops, and Jim, like many others in the same situation, was forced into buying corn to finish his cattle. As a result, Jim recalls, when the time came to pay back his cattle loan, the money just wasn't there to satisfy the bank note and still invest in more cattle. That's when Jim filled out an application for employment with SCS.

With his farm background and experience in applying conservation on his own farm, Jim adapted to his role as soil conservation technician easily. And, having been active in 4-H, FFA and Young Farmers, Jim already knew most of the farmers in the area and was recognized as a leader — having served as state FFA vice president and as president of the Pennsylvania Young Farmers Association.

Looking back over the past two decades, Jim says what he enjoys the most about his job is meeting and working with farmers. "Next to farming, this is the most enjoyable kind of work I could ever do," he says, sincerely. Each year Jim visits several hundred conservation cooperators throughout the county.

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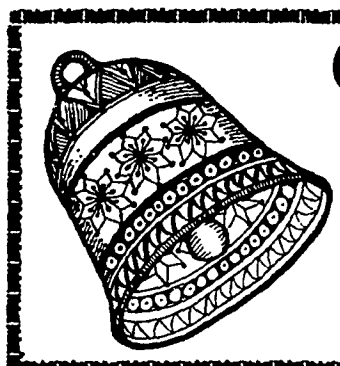

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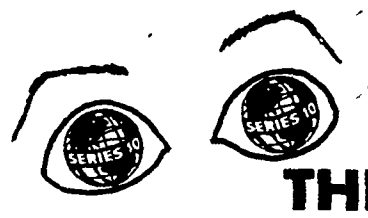

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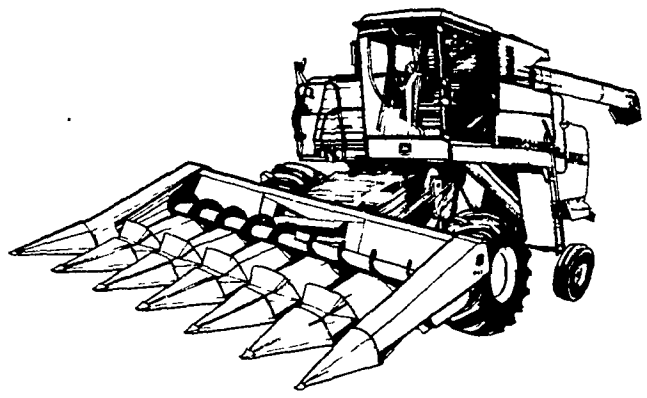
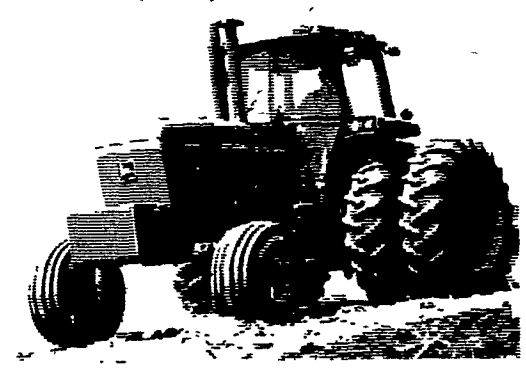


FINANCING AVAILABLE
(With Approved Credit)



★ No Interest Until Sept. 1, 1983 ★

USED COMBINES

1 - 1977 JD 7700 DIESEL ..... Hydrostatic
1 - 1979 JD 6620 DIESEL..... Air/Low Hours
1 - 1977 JD 6600 DIESEL ..... Side Hill/Air
2 - 1975 JD 4400 DIESELS ..... Low Hours
2 - 1971 JD 6600 GAS ..... Reconditioned
• Choice of Heads •

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USED TRACTORS

1 - WHITE 4-150..... Low Hours
1 - JD 4430 D ..... With Cab
1 - WHITE 2-105..... 1280 Hours
1 - IH 100 HYDRO W/CAB..... 880 Hours
1 - JD 3020 G ..... With Loader
1 - WHITE 2-50 ..... 1180 Hours
• With White 1730 QA Loader

TILLAGE

1 - White 7 Btm. 18" Hyd. Adj. Plow
1 - Bush Hog 1436 12' Finishing Disk w/Buster Bar
1 - JD 6 Btm. 16" Hyd. Reset Plow
1 - IH 133 3 Pt. 4 Row Adj. Width Cultivator - Like New

MISCELLANEOUS

1 - Gehl Feed Wagon - Priced Right
1 - NH 258 Rake - Like New
1 - JD 7000 Planter - Nice
1 - JD 35 Harvester w/Head
1 - 1980 Ford ¾ Ton Pickup
1 - 1974 Dodge Van

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ENGINE

- ☐ Intake System (vacuum switch operation-intake hose condition and clamp tightness)
- ☐ Air filter
- ☐ Exhaust system
- ☐ Head gasket
- ☐ Oil leaks
- ☐ Engine idle speeds
- ☐ Fuel shut-off operation
- ☐ Valve lash adjustment
- ☐ Crankshaft damper runout and condition
- ☐ Inspect water pump weep hole for signs of coolant leakage
- ☐ Check water pump pulley fan wear
- ☐ Turbo inspection

FUEL SYSTEM

- ☐ Injection pump-timing
- ☐ Check mechanical-design aneroid adjustment (if equipped)
- ☐ Nozzles and lines
- ☐ Sediment bowl
- ☐ Transfer pump
- ☐ Tank and filters
- ☐ Fuel leaks
- ☐ Throttle lever friction disks
- ☐ Make power check

ELECTRICAL SYSTEM

- ☐ Generator/alternator charging
- ☐ Generator/alternator pulley
- ☐ Starter operation
- ☐ Battery (specific gravity)
- ☐ Battery-cables/ends
- ☐ Wiring harness
- ☐ Lights
- ☐ Gauges/indicator lights
- ☐ Neutral start switch adjustment
- ☐ Air conditioner operation
- ☐ Check wiper motor operation and blade condition
- ☐ Check ether aid operation
- ☐ Check blower switch operation

POWER TRAIN

- ☐ Clutch operating PSI
- ☐ Clutch lube PSI
- ☐ PTO clutch and brake (PSI and operation)
- ☐ Clutch free-play
- ☐ U-joints and guards-4WD
- ☐ Front differential-4WD
- ☐ Final drives
- ☐ Axles-outer axle seal and bearing condition
- ☐ Leaks
- ☐ Differential lock/brake pedal adjustment
- ☐ Maintenance items:
  - ☐ transmission oil filter
  - ☐ clutch oil filter (4WD @ 200 hours)
  - ☐ hydraulic oil filter (4WD @ 600 hours)
  - ☐ lubricate transmission shift linkage (4WD)
  - ☐ front differential oil (30 series 4WD @ 1200 hours or yearly)
  - ☐ transmission/hydraulic oil (1200 hours)
  - ☐ transmission breather cap
  - ☐ transmission screen

STEERING AND BRAKES

- ☐ Steering operation
- ☐ Steering valve
- ☐ Steering cylinder and steering hoses
- ☐ Brake operation
- ☐ Brake valves

HYDRAULIC SYSTEM

- ☐ Rockshaft assembly cycle test
- ☐ Draft sensing cylinder
- ☐ Sel. control valve operation/cycle test
- ☐ Main pump standby test
- ☐ Main pump coupler
- ☐ Main pump quick check
- ☐ Rockshaft valve clearance adjustment
- ☐ Rockshaft control lever rod adjustment
- ☐ Load control arm extension adjustment
- ☐ Lines and clamps
- ☐ Leaks
- ☐ Manual bypass valve position (if equipped)

COOLING SYSTEM

- ☐ Radiator
- ☐ Radiator cap(s)
- ☐ Fan belt
- ☐ Fan pulley
- ☐ Hoses
- ☐ Water pump shaft play
- ☐ Coolant leaks
- ☐ Coolant change
- ☐ Coolant conditioner filter change (if equipped)

OPERATOR STATION

- ☐ SGB mountings
- ☐ Seat operation
- ☐ SGB glass
- ☐ SGB filter condition
- ☐ SGB cleaner

MISCELLANEOUS

- ☐ Drawbar
- ☐ Frame and weights
- ☐ Wheels and tires
- ☐ Sheet metal
- ☐ Heater/air conditioner (heater valve, thermostatic control valve, A/C)
- ☐ PTO cover and shield
- ☐ SMV sign
- ☐ Front axle mounting torque (R-C)
- ☐ Battery cable plate and screw
- ☐ Steering arm cap screw torque
- ☐ Check A/C system charge
- ☐ Check A/C evaporator and heater core for external plugging
- ☐ Grease entire tractor

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Turkey farmer

(Continued from Page A30)

farm buildings that lie a meadow away from the terraced field.

In a small, cluttered office inside a metal feed building, bearded and bespectacled Jim talks about his farming operation.

Along with the 165 acres he owns with wife Sandra, Jim farms another 200 acres of cropland with the help of son Craig, 21 (daughter Stacey, 15, is a student in the Newport School District) — quite an accomplishment for a couple with nonfarm backgrounds. Hailing from the Harrisburg area originally, Jim graduated from the National Agriculture College (now Delaware Valley College, Doylestown) with a bachelor's degree in dairy husbandry.

After graduation, Jim held a number of ag-related jobs, working on a dairy farm in Cumberland County and later working as a feed salesman for the Quaker Oats Co. in Bucks County. The job with Quaker Oats, says Jim, gave him his introduction to the turkey business.

Although Jim admits he misses the dairy business, he relates how his switchover to the turkey industry was based more on business opportunities than interest.

"Back in 1972 when we bought this place, there was more opportunity of getting into the turkey business than there was dairy," he recalls, adding that it took less capital investment to get started.

His turkey business back then was smaller and more seasonal than it is today, notes Jim. While 30 percent of his finished birds find their way into the Thanksgiving market through Empire Kosher of Mifflintown (where he markets 90 percent of his annual production), Jim explains he raises seven flocks each year, roughly 125,000 birds. The hen turkeys require 16 to 18 weeks from start to finish, while toms take 18 to 22 weeks.

Hoover's Turkey Farm now has six specialized turkey buildings that are insulated and automated for year-round turkey raising — three for starting the poults that are shipped in from Cooper's Hatchery in Oakwood, Ohio, and three for finishing the turkeys to market weight.

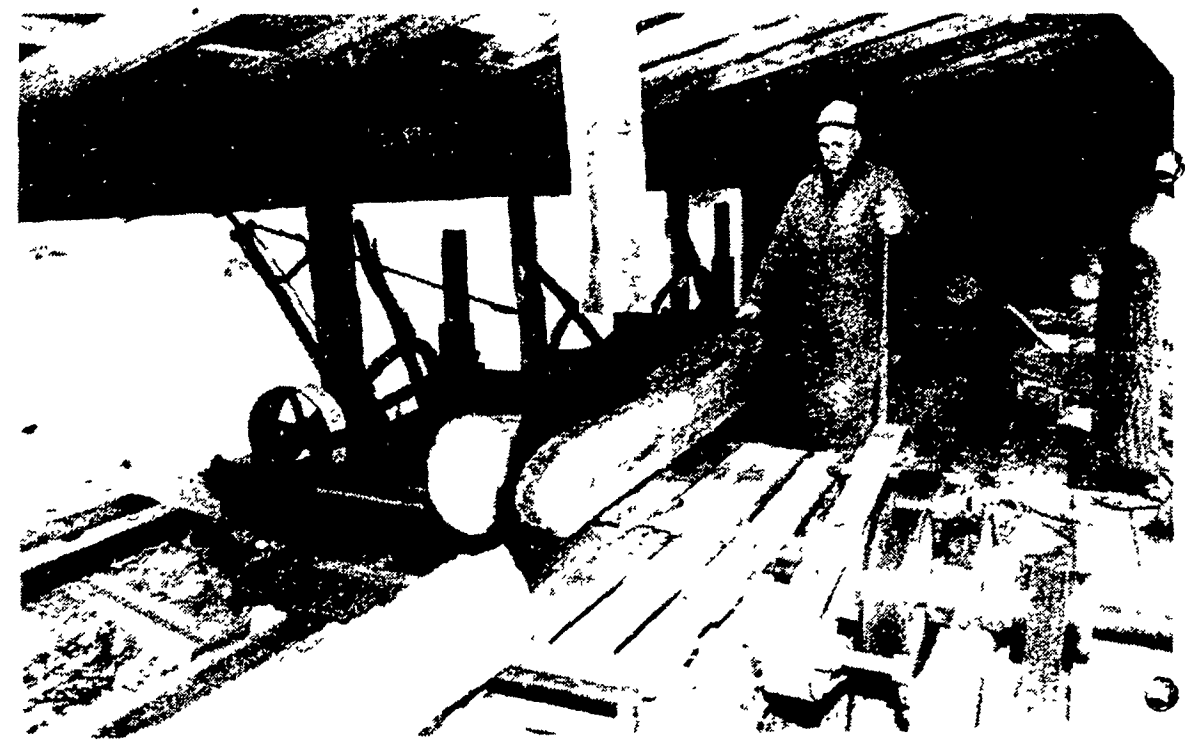
With all those turkeys to feed, Jim has to raise a lot of corn to meet the 3,000 ton requirement for feed that he mixes at the farm. Along with the corn, his turkeys receive a balanced ration of soybean meal, fat, vitamins and minerals with some medication for preventative management.

"We like to think we do a pretty good job of raising our turkeys," says Jim, with a smile. He adds that the farm's mortality rate is roughly 3 percent while the national average ranges from 8 to 10 percent. Jim attributes his success to "management and keeping disease under control.

Now with the terrace system, Jim says he can safely increase his corn acreage in the coming years and get back up to the level he was raising before erosion forced him to cut back to about 150 acres. With conservation applied on his crop fields, Jim will be able to farm continuous corn on the entire field, including the terraces, without the constant worry of erosion with each rain. He says he will be using a chisel or moldboard plow to work the terraced fields before planting.

In fields where cropland terraces are not applicable, no-till farming will be used to control erosion.

In talking about his terraces, Jim remarks, "They're just one good example of something that works in another area that is helping farmers up here."



Although he no longer actively farms, Jim and wife Fern still reside on their 50-acre farm. One of Jim's hobbies is operating his backyard sawmill. Someday, he says, he hopes to own a team of draft horses — probably something he'll do after he "retires" in another 15 or so years.

Bistline

(Continued from Page A31)

Jim is proud of Perry County's record for the amount of conservation practices on farms.

"Unlike some counties, Perry County has always used a wide variety of conservation practices on farms. We never have been noted for just one or two practices," he explains, listing livestock watering facilities, ponds, manure storage, strips, no-till, diversions, and cropland terraces as just a few of the diversified conservation methods used to control erosion and preserve water quality in the county.

Reviewing the changes of farmers' attitudes concerning conservation since he began his career with SCS, Jim says he feels farmers in 1982 are more aware of conservation's importance.

"Part of the reason for that is the new laws that have been enacted since 1962 which require erosion control," he says. "We're also working with more farmers today. When I first started working for SCS, people didn't know much about the organization and what it could do to help them."

Another change Jim has witnessed involves the methods used in controlling erosion on farms. He remembers that the principle management practice used during the 1960s was contour strip-cropping. Now no-till farming has erased most of the ribbons of corn and hay that formerly wrapped Perry County's hillsides.

This trend is creating some potential problems, however. Jim explains that many of the large fields that have been farmed in no-till corn for the past ten or so years now have been chisel plowed or disced — opening them up to the ravages of erosion. Speculation Jim blames poor weed control on this sudden impulse to turn over the soil.

(Turn to Page A36)

TRI-COUNTY SWINE SYSTEMS

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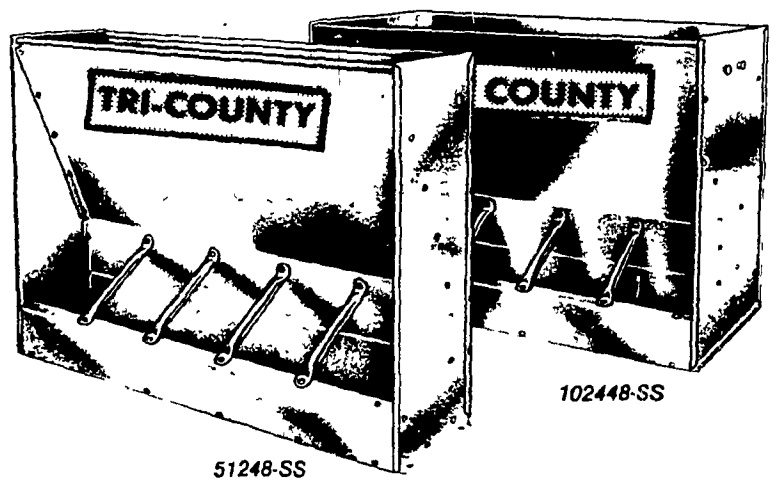

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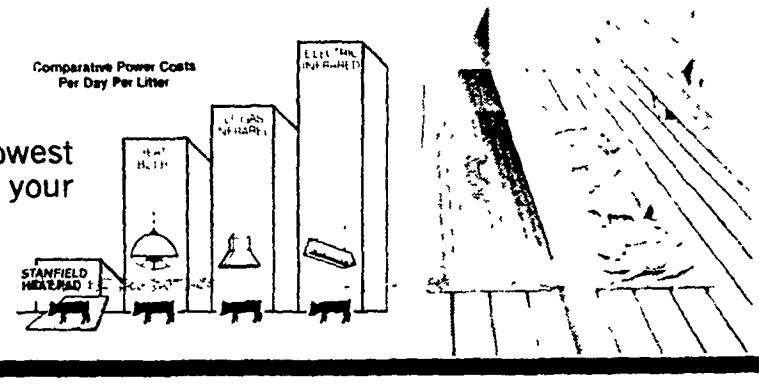

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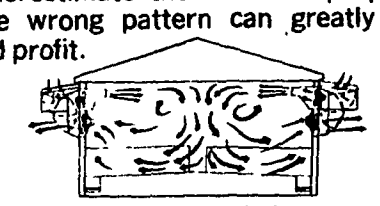

The drawing indicates the air flow pattern that the Martin-Air system provides, in wall mount applications.

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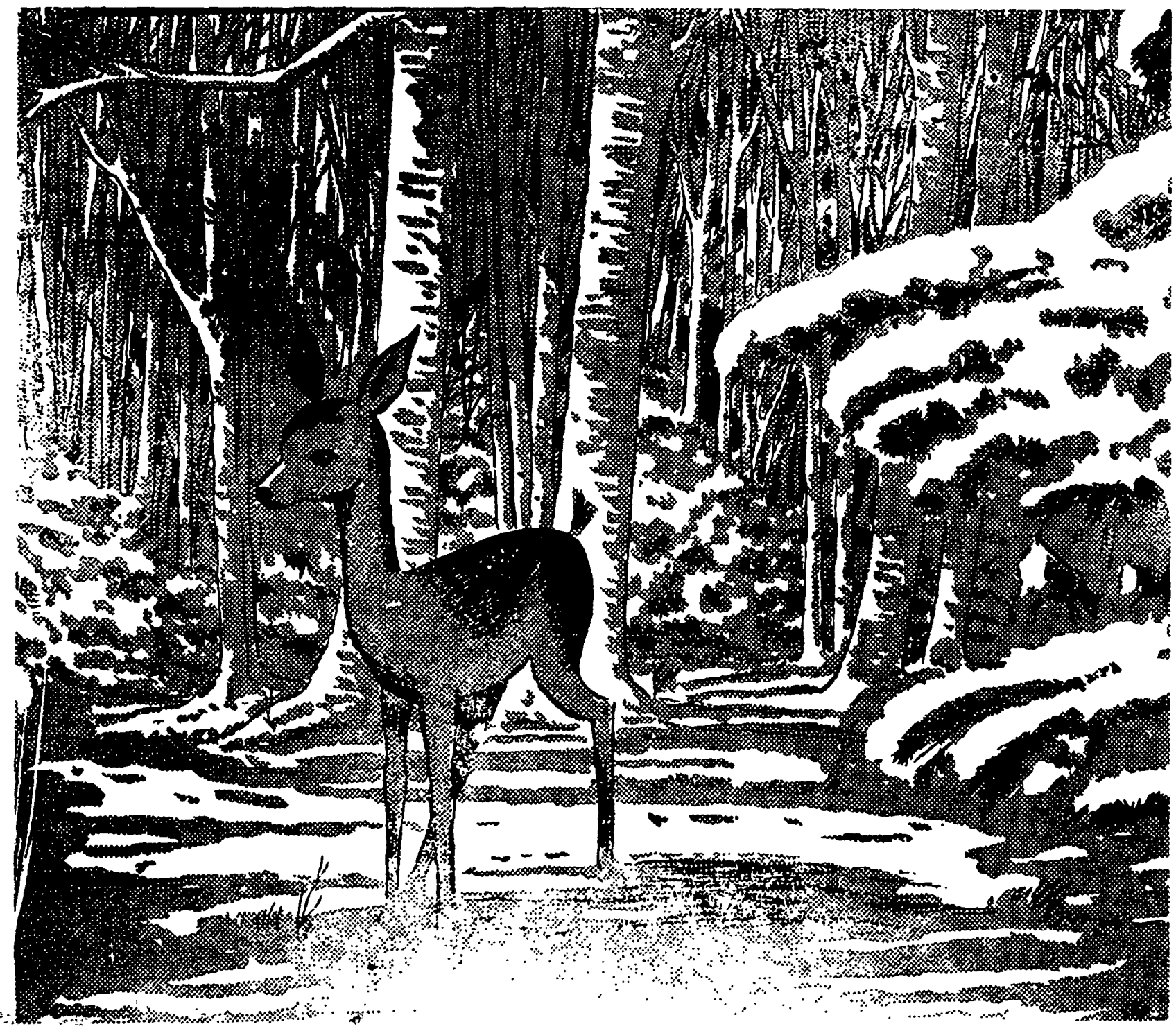

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Booklet lists native seeds, plant sources

ANKENY, Iowa — A revised and expanded edition of the publication "Sources of Native Seeds and Plants" has been released by the Soil Conservation Society of America.

The new edition contains the names and addresses of nearly 300 growers and suppliers of native vegetation in 40 states and Canada. This represents about twice as many listings as in the previous edition, an indication of the expanding interest in use of native plant materials.

The booklet is organized by states and includes an alphabetical listing of native plant sources. Along with addresses, the listing indicates the grower's specialty: wild flower seed and native plants, native grass seed, nursery stock of native trees and shrubs, and/or native tree and shrub seed. More detailed information is given, where necessary, about the sources' specialties and terms of sales.

Copies of the 36-page booklet are available for $3.00 ($2.50 for orders of 10 or more) from SCSA, 7515 N.E. Ankeny Road, Ankeny, Iowa 50021-9764.

Bistline

(Continued from Page A34)

"Farmers need to look at conservation on the long-term basis," Jim says with conviction. "We've already lost a lot of soil since we chased the Indians out of Perry County and farmed a couple hundred years. We have to conserve for future generations."

Jim laughs when he says his greatest challenge during his career with SCS has been "training district conservationists" who have been stationed in Perry County for several years before moving to other locations to serve as office managers.

District Conservationist Tom Balthaser has worked with Jim since 1970. He sums up Jim's success in his role with SCS:

"Jim takes his job to heart; he's conscientious. He is well-known and respected by farmers in Perry County."

After his workday at the SCS office is completed, Jim heads home to his farm in Landisburg. Although he rents out the cropland to a neighboring farmer, Jim still keeps a few head of beef cattle in the old bank barn, usually Herefords.

"Aren't they the prettiest beef cattle to have?" teases this dedicated Perry County farmer and conservationist whose sense of humor and engineering expertise makes him a friend to all of his fellow farmers.

An avid beef fancier, Jim began growing and showing cattle at the early age of nine. This picture was taken in 1949, says Jim, and shows his "old-fashioned" project steer. Back then, recalls Jim, the ideal beef steer was short and looked like a box.

Part of his job with SCS involves surveying needed conservation practices. Jim also designs and supervises construction of these erosion controlling structures. He boasts of Perry County's diversified conservation program which runs the gamut of practices, from tiling to terraces.

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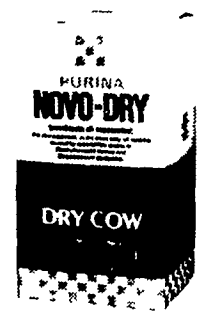

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PURINA CHOWS

SCSA names Berg Washington

ANKENY, Iowa — Norman A. Berg, former chief of the U.S. Soil Conservation Service and a 40-year veteran of work in soil and water conservation, has been named Washington, D.C., representative for the Soil Conservation Society of America, effective Jan. 1, 1983.

In the new post Berg will work part-time for SCSA as a liaison between the organization's headquarters in Iowa and important contacts in Washington, D.C.

Berg's appointment fulfills a commitment by SCSA's national council to make the organization more visible in the nation's capital, according to Executive vice president Walter Peechatka.

"Much of Norm's work will be to keep SCSA's council and headquarters staff abreast of current developments in Washington," Peechatka said in announcing the appointment.

SCSA President Chris J. Johannsen of Columbia, Missouri, commented, "With his extensive background in soil and water conservation issues and his long-time service in Washington, Norm will be accepted as a true spokesman for the Society."

After working for SCS in Idaho and South Dakota, Berg was appointed to a legislative affairs post with the agency in Washington, D.C., in 1960. In 1964 he assumed leadership of the SCS Great Plains Conservation Program. After serving in two other top administrative positions, he became the agency's chief in 1979, a post he held until earlier this year.

Berg, who is a Charter Member and Fellow of SCSA, also is working as a senior adviser to the American Farmland Trust on a soil and water resources study. Because of that relationship, SCSA has contracted with AFT for office space and clerical assistance. SCSA will have its own telephone line installed, and AFT will provide a receptionist for Berg. The office, at 1717 Massachusetts Avenue, N.W., Washington, D.C. 20036, will open officially on Jan. 3.

EGGS
FOR
ENTERTAINMENT

Shorthorn Assn. holds Genetic Seedstock Special

OMAHA, Neb. — Cattlemen from across the United States will be gathering in Denver, Co., on Saturday, Jan. 15, 1983 as the Shorthorn breed presents its offering in the '83 National Seedstock Special in conjunction with the Shorthorn National Show and annual meeting of the American Shorthorn Association held during the National Western, Jan. 13-17.

The 40 Shorthorns/Polled Shorthorns consigned to the Seedstock Special will be evaluated on Friday afternoon, Jan. 14, by Robert Alden, Hamilton, Mo. The event, managed by Cagwin Cattle Services, Inc., Virginia, Il., is intended to group together an offering from the top herds across the country.

Consignments will be presented from: Jerry Taylor Family, Prairie City, Il.; Martin Bros., Hardyville, Ky.; Mill Brook Shorthorns, Fredericktown, Oh.; Gary and Pam Naylor, Buffalo, Mo.; The Bill Bales Family, Morristown, Tn.; 7 M Shorthorns, Clarendon, Tx.; Berg's Shorthorns, Osage, Ia.; Torgerson Bros., Austin, Mn.; Inness Shorthorns, Galesburg, Il.; Hoyt & Sons, Burns, Or.; Damar Shorthorns, St. John, Wa.; Kibler Shorthorns, Waitsburg, Wa.; Rexlaine Farm, Linden, In.; Waukaru Shorthorns, Rennselaer, In.; Cates Farms, Modoc, In.; Sutherland Farms, Prospect, Ky.; Gary Mobley, Prospect, Ky.; J & H Land Co., Redding and Quincy, Ca.; Hilltuck Shorthorns, Virginia, Il.; Little Ponderosa Ranch, Manhattan, Ks.; Joseph Gilbraith & Sons, Atkinson, Il.; Darrell Steck and Sons, Wataga, Il.; Blue Chip Polled Shorthorns, Elkhart, Il.; Dugdale Shorthorns, Omaha, Ne.; Graham Land & Livestock Co., Waverly, Mn.; Tacoma Cattle Co., Ashland, Mo., CP Shorthorns, Broomfield, Co.; M & S Shorthorns, Allerton, Ia.; Lance Brooks, Ardmore, Ok.; and Lazy D. Shorthorns, Excelsior Springs, Mo

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Purina

(Continued from Page A19)

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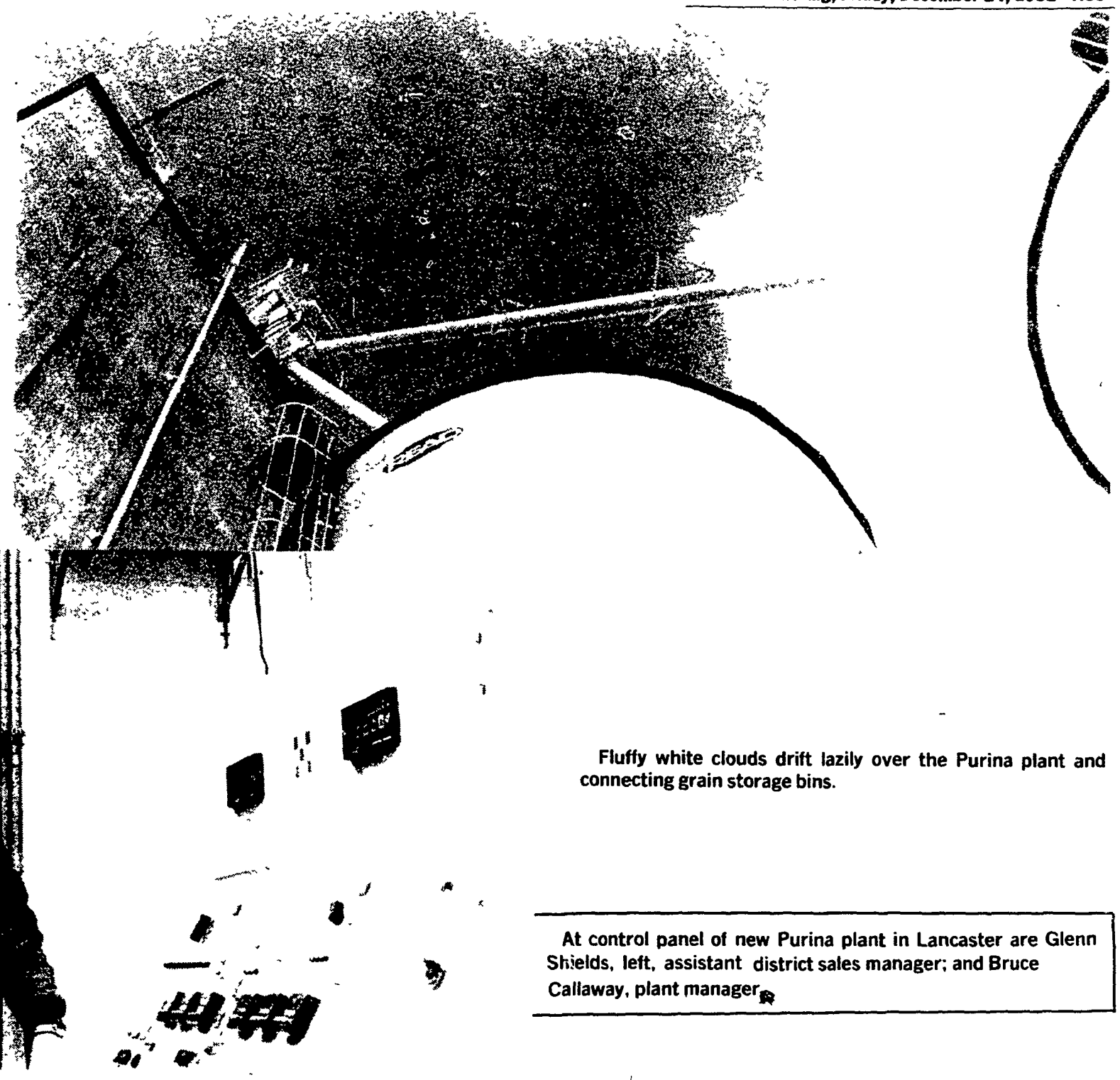

Fluffy white clouds drift lazily over the Purina plant and connecting grain storage bins.

At control panel of new Purina plant in Lancaster are Glenn Shields, left, assistant district sales manager; and Bruce Callaway, plant manager.

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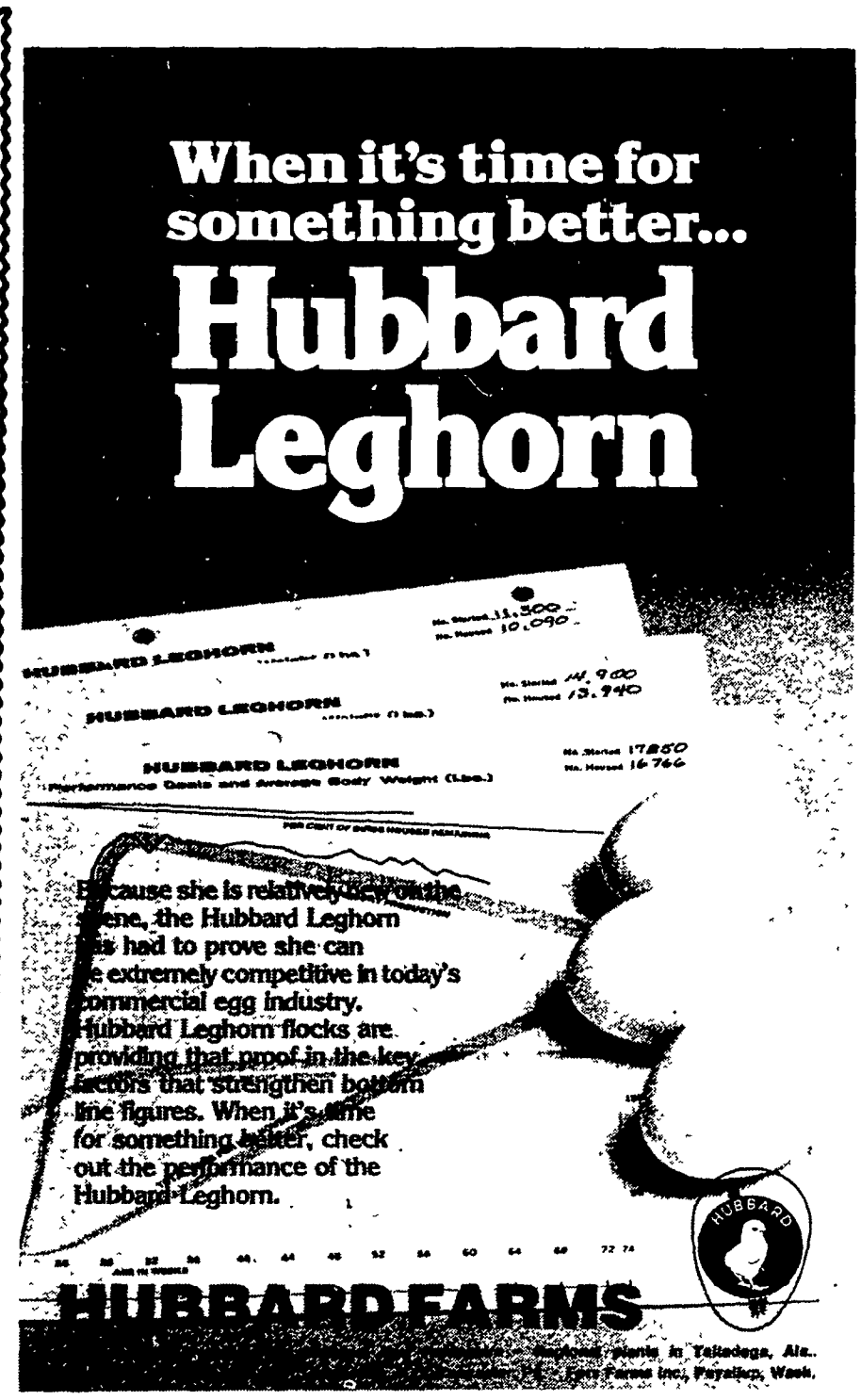
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Gem-Rock

(Continued from Page A28)

County dairy family. Their children are Krystal, 10; Kraig, 7; and Kevin, 5.

"The older boy and girl now care for and feed the calves in the evening," he said.

"We thought it was time to start assigning chores."

And little Kevin is in charge of press relations. He was the most cooperative and lively photo subject that Lancaster Farming has run into in a long time.

And almost like a member of the family is Darryl Balmer, who has worked at Gem-Rock since he was 12. Now 18, he just graduated last year.

Just open the door to the adjoining feed room and the Gem-Rock cows are sure to come to attention.

Good manure management can cut fertilizer bills

LANCASTER — Cutting the high cost of fertilizer bills can be accomplished thru a good manure management plan, according to Tom Thomas, Soil Conservation Service.

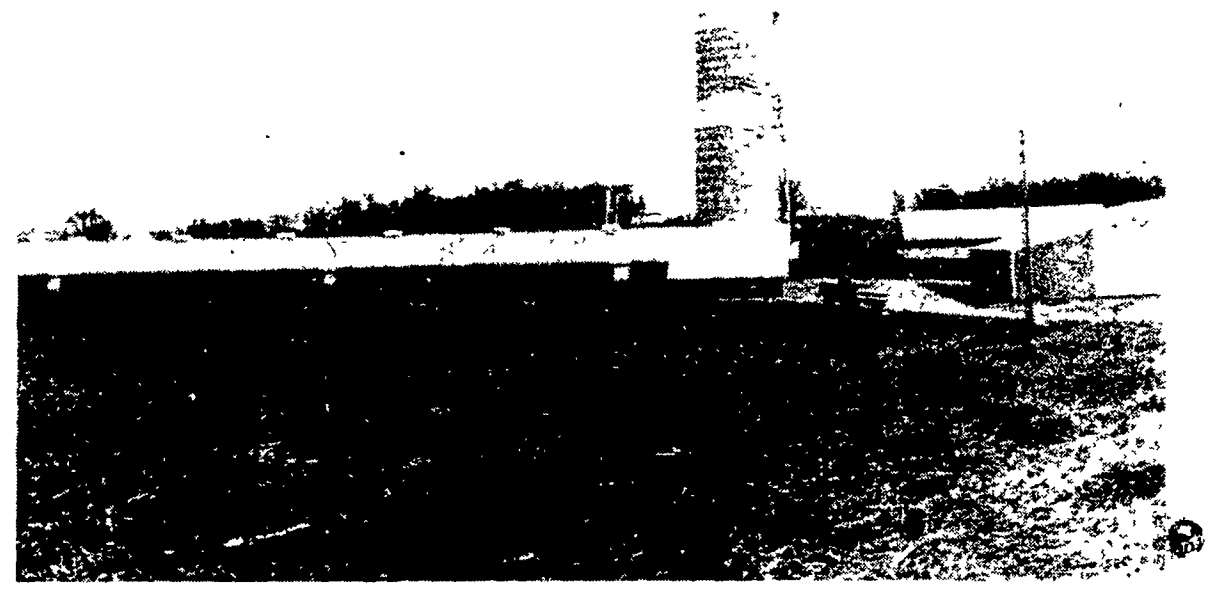
When manure is applied to the land, the longer it is allowed to lie on the field before incorporation, the greater the nutrient loss.

This loss of nutrients, particularly nitrogen, can run as high as 60-70% when manure is simply spread on the field on a daily basis. In most cases the most efficient way to avoid these losses is to develop a system where the manure can be stored until it can be spread and then incorporated in a short period of time.

Manure should be spread uniformly on the fields and not dumped in piles. Uniform spreading provides more efficient use of the nutrients and decreases the potential for pollution from rainwater runoff. Spreading on snow covered or frozen sloping fields increases the risk of pollution due to runoff. The same dangers exist in areas with high erosion potential and in fields with long slopes. Stripcropping, diversions and terraces will help control runoff and minimize surface water pollution in the areas.

Efforts should be made to spread manure on bright crisp days with good air movement to help minimize odors. Also, manure should be worked into the soil as soon as possible to minimize odors.

Technical assistance is available thru Soil Conservation Service for any landowner wanting to develop a manure management system for his individual needs.



Expanded Gem-Rock dairy operation in Lebanon County features new barn, silos and manure storage structure behind equipment shed that's only a couple of years old.

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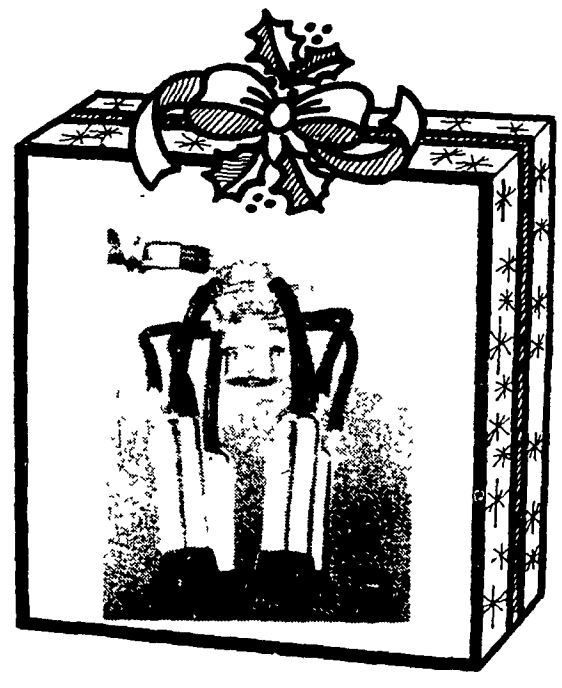

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After bill dies in Senate

Block tries to rescue PIK

BY DONNA TOMMELLEO

WASHINGTON, D.C. — Despite efforts by U.S. Agriculture Secretary John Block to push through a surplus grain and acreage reduction program before 97th Congress ended, the proposed Payment-In-Kind bill died in the Senate without ever reaching a vote, said Congressional Affairs director Tom Kay.

However, Kay explained that Block has been meeting with USDA's General Counsel in an effort to save segments of the legislation use in early 1983.

"The Secretary will try to implement as much of the program as he can under the law," Kay explained.

Under the PIK program, the Secretary may make special payments-in-kind to farmers who divert acreage from production. Crops covered by the program include wheat, feed grains, upland cotton, rice or other commodities designated by the Secretary.

A second part of the bill authorizes the use of Commodity Credit Corporation stocks for export market development and expansion.

A third major provision expands the Secretary's current authority, which is to donate dairy products to needy persons in foreign countries, to include donations of other CCC agricultural commodities.

The proposed bill cleared hurdles in the U.S. House and was passed unanimously, this week, by the Senate Agriculture Committee, chaired by Senator Jesse Helms (R-NC).

"Without immediate action to stop building government stocks and start reducing these large surpluses, farmers cannot expect to see farm prices that will cover their costs of produciton and allow them to earn a fair profit," Helms said.

"The problem with the farm economy," he continued, "is a problem of supply and demand, and this legislation deals with both."

Ironically, Helms tied up the lame duck Senate for days in a filibuster aimed at stopping a proposed five-cent gasoline tax hike to repair the nation's highways and bridges.

The long delay, in effect, killed any chance of passing PIK and other proposed legislation in this session of Congress.

The proposed legislation was a compromise between Senators Thad Cochran (R-Miss.) and Walter Huddleston (D-Ky.) and a proposal forwarded by the Administration. In addition, it includes a number of committee amendments. Provisions in the Cochran-Huddleston bill to increase loan rates and administration proposals to freeze target prices were dropped.

Payments to producers from CCC stocks under PIK would be made in the form of delivery of commodities or warehouse receipts, in cash equal in value to the commodities, or by other methods determined by the Secretary. An amendment agreed to by the Senate's ag committee mandates that the value received by the producers for PIK commodities be not less than 75 percent of the county loan rate for the particular commodity, with any deficiencies made up by cash payments.

In order to provide assured protection to local economies in farm areas, no more than 50 percent of the acreage base in any one county may be removed from production.

Other provisions exempt payment-in-kind from current restriction on the resale of CCC stocks or limitations on payments to farmers. Acreage diverted under PIK must be put into conservation use and must comply with terms set by the Secretary.

Meanwhile, major farm organizations have gone on record reacting to the general concept of PIK.

Bruce Hawley, assistant director of the American Farm Bureau Federation's Washington office testified that PIK must have enough economnic incentives to get producers to participate. Key points, he added, involve the percentage of land enrolled in PIK, maximum or minimum percentages that producers would be required to set aside, and whether "whole farm retirement" will be encouraged or required.

Hawley noted that most government farm programs have exacerbated supply-demand imbalances, and instead, urged fundamental actions to "get at the disease, rather than the symptoms." The disease, he said, is overproduction which has led to whopping surpluses.

The National Farmers Union Executive Committee recently went on record in support of the proposed PIK plan, providing adequate safeguards are included to protect against further depression in market prices of agricultural products and to maintain the viability of the reserve and commodity load and target programs.

"There is no question the federal government must move to reduce excessive supply through a new incentive program. But we are concerned about the unknown factors of the PIK program as it has been presented as of this date," the committee said in a joint statement.

"We are concerned that the major incentive in the proposed program, the amount of commodities to be provided producers in return for diverted acres, is left to the total discretion of the Secretary of Agriculture.

"The effect of the program upon the reserve by allowing reserve stocks to be released below current trigger levels and for CCC stocks to be released below resale prices now set by law needs better documentation. Loan and target prices, at the minimum, should be increased according to the levels currently set by statute," the committee said.

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SEASONS GREETINGS

Giving season is year-round for USDA

BY DONNA TOMMELLEO

WASHINGTON, D.C. — In the past year, thousands of Americans were the beneficiaries of massive USDA giveaways.

Tons of surplus cheese and butter, faced with rotting away in government storages, instead were distributed to welfare recipients and other eligible persons.

But according Merrill Marxman, deputy administrator of Commodity Operations with the Agriculture Stabilization and Conservation Service, the freebies hardly have made a dent in the backed-up stock.

In 1981, federal cheese stocks piled up to the tune of 560 million pounds, this year the Commodity Credit Corporation totals registered 776 million pounds, Marxman said. From the surplus, USDA in conjunction with state government and non-profit agencies managed to distribute 142 million pounds of surplus cheese, although requests for the products exceeded 199 million pounds.

Likewise for butter, federal stores amassed 208 million pounds in 1981 and 368 million pounds this year. Giveaways totaled 12 million pounds while orders poured in for 44 million pounds.

"Purchases are still exceeding utilization," Marxman replied. But he noted that, for the most part, public reaction to the giveaways has been "absolutely positive."

However, Marxman added that some feedback from state government and agencies have pointed to inadequacies in sufficient help for distribution.

Almost 97 percent of the total cost for the programs is borne by the federal government, Marxman said. The costs include transportation and distribution of the surplus from government warehouses to state sites.

"We are asking states to tell us where it would be accessible to designate central distribution centers. But it is going to take time to develop such a program," Marxman explained. CCC stocks

(Turn to Page A43)

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Trimbles' Swiss

(Continued from Page A20)

herd, Carol pitches in with the washing and calf raising. Two other family members, Cindy, 15 and Scott, 12, each have their daily chores.

In May 1969 the family took over the Peach Bottom farm, which originally held hogs and steers, and by late July had completed renovations to begin milking cows.

The additions included expanding the barn to accommodate a 78-free stall facility and constructing a double-four herringbone parlor.

Within the next decade, Trimble completed a conservation plan on the 145-acre farm, which was in sore need of improvements.

"In 1969, I had to plow seven gullies shut before I could plant corn," Trimble recalls.

The addition of terraces, waterways, tile outlets and an earthen bank manure storage earned Trimble the title Outstanding Cooperator from the Lancaster Conservation District.

Since the addition of the manure storage, which is emptied twice yearly, the Trimbles have seen reductions in their fertilizer bill.

"This year, I used no fertilizer of any kind on my corn," he explains. By using minimum tillage and double-cropping, Don plants about 100 acres in corn, 60 in alfalfa and 10 in barley.

The Donsdell feeding program consists of a total mixed ration for three groups. The groups, high, low and dry cows are fed four times daily plus free choice hay. In addition, computer technology arrived last March and the computer feeder is programmed to the individual need of the herds.

The high group, which is any animal producing more than 50 pounds of milk daily, receives from the TMR 42 pounds of corn silage, 16 pounds of haylage, five pounds of protein and 11 pounds of ear corn. In addition, the high group is locked into the computer program and via neck transponders can call down slugs of a 16 percent protein supplement, which includes oats, shell corn and ground ear corn.

Since the advent of the computer, Carol and Don also have registered slashes in their feed bill. Previously, the Trimbles used magnetic feeders which contained pelleted feed, the same pelleted feed they used to feed in the parlor.

They soon discovered the magnetic feeder was an unprofitable investment.

"We couldn't dump feed in it fast enough," Don says.

"The cows would gobble it up like candy," adds Carol. The computer feeder, instead, uses homegrown feed.

Don regulates the computer ration for each cow on a monthly basis. Fresh cows, however, have their daily allotment altered about every other day, says Don.

The second feeding group or low group does not have access to the computer but receives a total mixed blend of 35 pounds of corn silage, 10 pounds of ear corn, 25 pounds of haylage and two pounds of protein.

Dry cows are fed four pounds of grain, 25 pounds of corn silage and 15 pounds of haylage.

Although the Trimbles haven't appeared on the tanbark in recent years, they hold the distinction of exhibiting the Grand Champion Brown Swiss at the Pennsylvania Farm Show for three consecutive years from 1974 to 1976.

Don credits reknown Swiss sire White Cloud Jasons Elegant with providing the groundwork for a high producing, type herd. The Trimbles have eight Elegant daughters scoring 87 and an Excellent with very "wet" backgrounds.

Donsdell Elegant Alana, EX, turned in her latest 4-year-old record at 25,894 pounds of milk, a 4.6 test and 1,185 pounds of butterfat. Alana and her Swiss herdmates were some of the major factors that placed the Trimbles' Donsdell herd at the top of the Lancaster DHIA, this year, for the breed. The herd averaged 14,485 pounds of milk and 614 of fat.

The Donsdell replacements are started in hutches as soon as they are dry. Don milks the dam and feeds colustrum within the first hour after birth. Prior to the hutches, the calves were maintained in a renovated chicken house but poor ventilation proved too costly. Since the addition of the hutches four years ago, Don recalls just one mortality.

Eventually Don and Carol will milk an all Swiss herd — that is if they can keep them long enough. It seems the big brown animals are in demand at home as well as abroad and the Trimbles have marketed stock in Georgia, Italy, Guatemala, Ecuador and the Caribbean Isles.

Additionally, many youngsters are turning toward Color Breeds as 4-H projects and at Donsdell Farm, Carol explains, the supply can't keep up with demand.

In the meantime, the Trimbles, like all Pennsylvania Brown Swiss breeders have their new 1983 calenders targeted for the fall, when they can fellowship with their national colleagues.

USDA giveaways

(Continued from Page A42)

could then be stored directly to state centers and eliminate costly transportation from government stores.

Pennsylvania Deputy Agriculture Secretary Chester Heim explained the state is in the process of putting out a letter to various agencies in an effort to get a handle on possible sites.

Currently, the state has eight warehouses used for school and other institutional food programs. The warehouses are located in York, Allegheny, Lackawanna, Montgomery, Lycoming, Lehigh, Blair and Erie Counties.

A recent expansion of state giveaways will include the Keystone State's unemployed in addition to low income families, said state ag secretary Penrose Hallowell. Unemployment cards will be used to establish eligibility.

"At the request of Governor Thornburgh and Senators Heinz and Specter, we have been working with the Food and Nutrition Service of the U.S. Department of Agriculture for several months seeking clarification and approval to include unemployed workers in our distributuion program," Hallowell said. The Secretary reported that Pennsylvania recently received written authority to proceed with those plans.

"Our concern with this distribution program has always been to insure that these surplus commodities reach the truly needy," he said. "By including unemployed workers in our eligibility guidelines, we are providing an opportunity for those whose families depend on a single income to share in the benefits of this program."

In a letter to agencies actively distributing cheese and butter, Hallowell also urged that any of these commodities now held in food banks and warehouses under the program be made available to community groups and charitable organizations for inclusion in food baskets for delivery to the needy during the holiday season.

Local charitable agencies in the Commonwealth distributed more than 8.5 million pounds of cheese and 1.5 million pounds of butter from the Secial Dairy Distribution program since February 1982, Hallowell noted.

Hallowell requested these groups to consider the expanded eligibility requirements and compile an estimated amount of cheese and butter for local distribution in early 1983.

"We intend to place new orders for cheese and butter with the USDA as soon as possible to begin the fourth round of distribution in the near future," said Hallowell.

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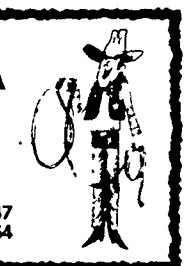

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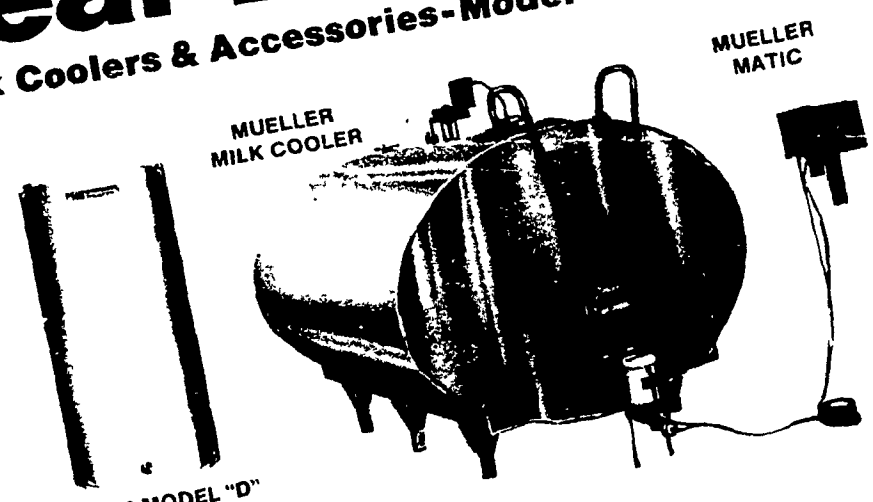

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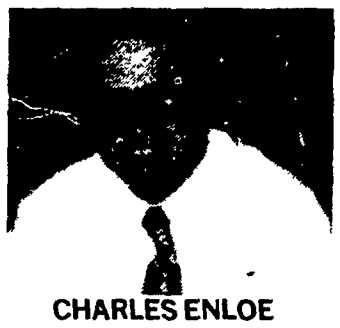
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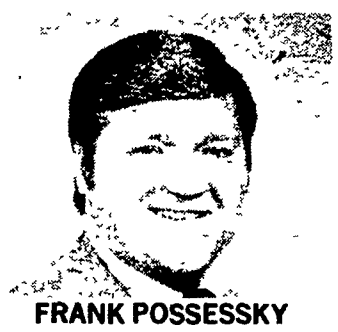
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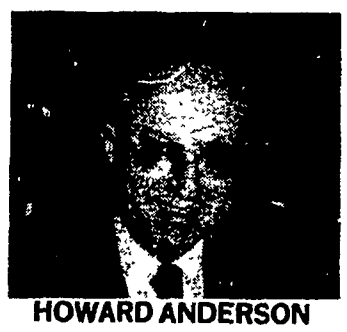
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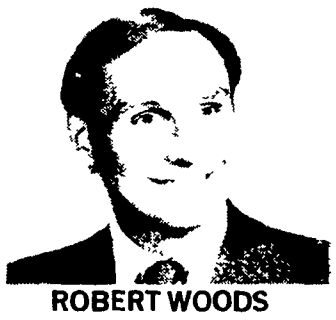
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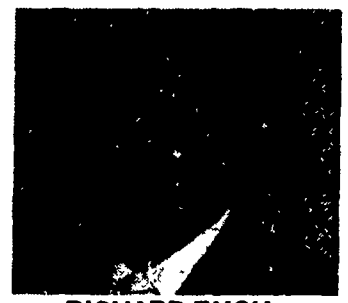
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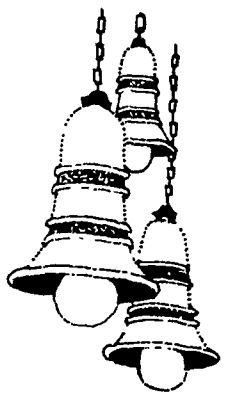
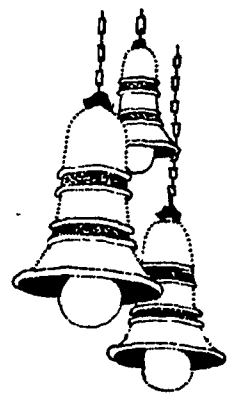


Left to Right, Front Row: AMMON ZIMMERMAN, JR., RAY ZIMMERMAN, SCOTT FISHER, HERMAN CRAIG, JR., TITUS BRUBAKER. Left to Right, Back Row: NELSON STAUFFER, LARRY MARTIN, MARVIN EBERLY, WILMER HOOVER, RALPH BRUBAKER, EARL LEINBACH. Absent From Photo: PAUL ZIMMERMAN & IVAN ZIMMERMAN.



See Page B24 & 25 For "Holiday" Open House Information!

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Finnish girl compares Christmases

By SALLY BAIR
Staff Correspondent

Eighteen-year-old Johanna Lyyra is celebrating this Christmas thousands of miles from her home and family. She's looking forward to it, however, because she has a caring host family and friends, and because many of the traditions observed here are traditions carried out in her native Finland. Cookies, gifts, church services and Santa Claus are all part of the Finnish celebration, too.

Johanna is here through the Youth For Understanding program and is living near Maytown with the Reverend and Mrs. Don Wert and their four children: Tony, 10, Kelly, 7, Mary, 5, and Josh, 2.

Johanna observed that Christmas preparations seem to begin earlier here than in Finland, adding, "It is not so commercial there."

One similarity is Santa Claus, known in Finland as "Joulupukki." This Santa can be found in stores before Christmas, listening to small children and handing out candy. The idea that he comes down a chimney during the night was unknown to Johanna, however. In Finland he arrives in person and presents gifts to everybody. "When you're kids he brings lots of presents, but when you're older there are not so many. There is mostly clothing and things you need," Johanna explained.

It's understandable that he arrives early in that country because he only need travel from Northern Finland where Finnish children believe he lives, (That is close to the North Pole, after all). There are also reindeer living in northern Finland and he is believed to arrive in a sleigh driven by reindeer, according to Johanna.

Johanna explained that her father always misses the arrival of Santa Claus because he must og check on the cattle at that time. "We always say, 'Hey, Daddy, you missed Joulupukki!'" she says with a laugh. "We live near a small town, and he is Santa Claus for the whole village."

Finnish children are allowed to stay up late on Christmas Eve and the family sings carols and Johanna's father reads from the Bible.

A big difference in the Finnish celebration is that no one hangs stockings by the chimney with care. "We don't have them," Johanna says. This year she will have one, however, specially personalized by Mrs. Wert. It will hang with other family members' stockings by the fireplace.

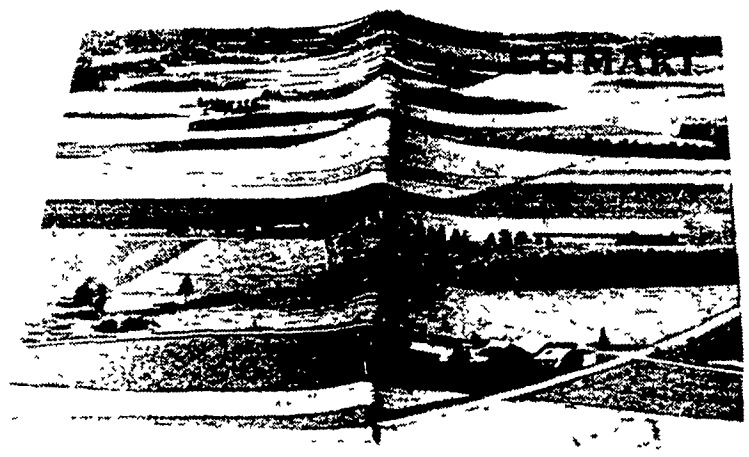
There is a First Christmas Day and a Second Christmas Day, according to Johanna, with both days set aside to visit with relatives. The First Christmas is, naturally, December 25. "All our relatives come to our home," Johanna explains.

Christmas Day begins for the Lyyra family with a 6 a.m. church service in the village. "We are Lutheran. The church is beautiful - all full of candles," Johanna says.

The relatives gather for a huge meal, which at Johanna's home features ham. "A really big, one," she says, "which my mother has in the oven a whole day. We eat mashed potatoes with it." There are lots of other vegetables and good things. "All the female relatives help," Johanna says.

One reason the relatives come to the Lyyra home is that Johanna's grandmother and grandfather live in a smaller home right next to hers. She says it is the custom for grandparents to live with families in Finland, which is done to a greater degree than here. "My grandmother used to do the whole dinner," she adds.

Johanna Lyyra, a Finnish exchange student, poses before her host family's Christmas tree with the youngsters in the Wert family. From left are Tony, Mary, Johanna and Kelly. Their younger brother Josh was asleep when the picture was taken. Johanna is wearing a national shirt from Finland, a shirt which features beautiful hand sewing as decoration. She said she frequently wears it to school.



This books tells about the county in Finland where Johanna lives. Her farm is pictured on one of the landscape scenes, and her father, who is active in local community affairs, is pictured also.

Hanging stockings by the chimney with care is a new concept to Johanna Lyyra. Planning to participate fully in an American Christmas, Johanna hangs her stocking with the other children's by the fireplace.

Rice porridge is the one dish that everyone has on Christmas, according to Johanna. "We put one peanut in it and whoever gets it has luck for the year."

The Finnish people also make cakes and cookies, some varieties which Johanna says she hasn't seen here. At the time of the interview she was awaiting recipes from her mother which she hoped to duplicate for her host family. "I would like to make some here but it is difficult because we use different measures and I may not be able to get some ingredients."

Cut out cookies are common in Finland for the holidays, and Johanna says, "We start early." A special favorite of Johanna's is date cake. "I love to make it and I would like to make it here."

Her mother, who sounds like a terrific cook, doe smuch of the baking for the holiday season with Johanna's help. It is done on a "bake oven" located in the living room because it also provides heat for the home. "Every farm house has one," Johanna says. Regulating it is a problem and one that takes some knowledge and experience. "You must know just when to put the food in it so it doesn't burn."

This native costume from Finland is one worn on special occasions. Johanna brought one of the colorful costumes along to show her host family and friends in this country.

Her family, which lives on a farm with 100 tillable acres and 100 acres of woodland cut their own Christmas tree; it will be spruce. They have a big tree, Johanna explains, "Because we have a big house."

The tree usually is put up about three days before Christmas and Johanna and her mother decorate it. "We have homemade decorations and many people use straw ornaments. In my home we use real candles. You must be careful, but we light them every night during the Christmas season." The tree remains until after New Year's. "We are old-fashioned, but it is beautiful."

She added, "We keep ornaments year after year. We have balls, but we don't put so many things on the tree."

Family members exchange gifts in Finland, and Johanna says, "I think we buy the same kinds of things. I make some things, like hot pads, and my mother makes stockings, gloves and scarves."

A manger scene is a prominent part of the Finnish home during Christmas, and every home usually has a straw decoration on the wall. Johanna says, "I usually make it for our family."

Finnish children are as eager for Christmas as American children. "We count the days," Johanna relates.

One thing Johanna's family never needs to worry about, even in southern Finland, where her home is, is that "We always have a white Christmas." In Finland there is snow from November through April. Needless to say there is much skating and skiing in the country, and Johanna says, "I think everybody knows how to ski in Finland. We used to have a horse and it was the custom to go for sleigh rides on Christmas day with bells ringing." Johanna, at 18, sighed and said, "Those were the good old times."

(Turn to Page B4)

Homestead Notes

REDUCE YOUR 1982 INCOME TAX

Take Advantage of Investment Tax Credit and Depreciation Allowance

If you replace an old machine this year you may be able to...

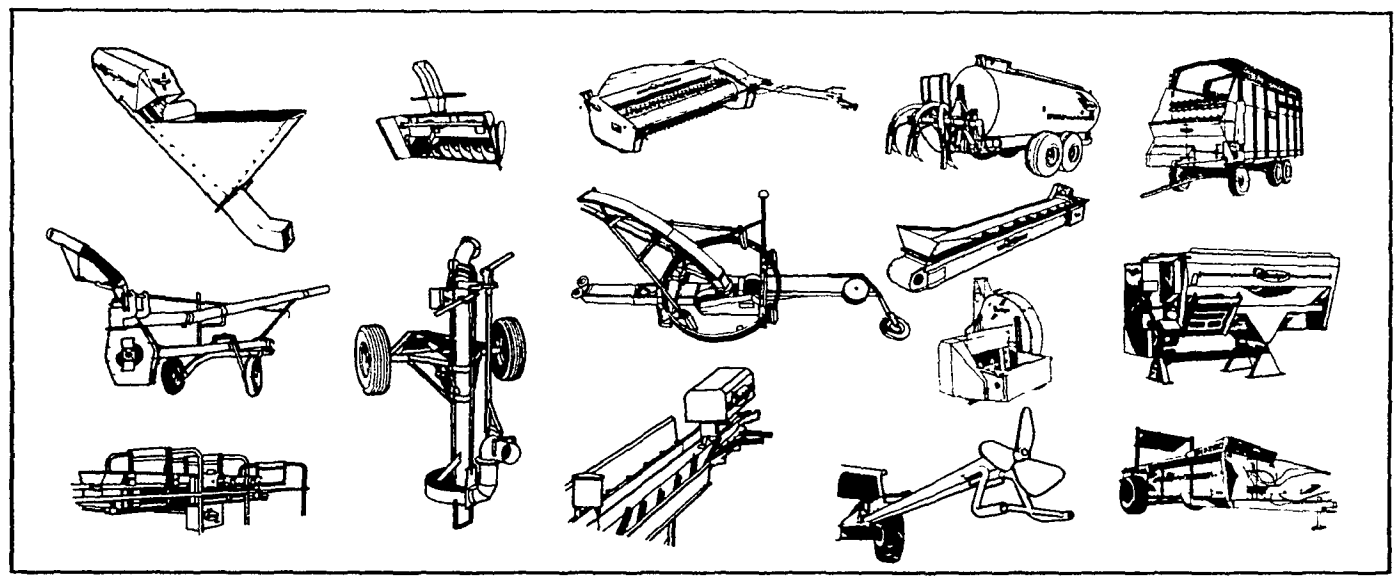
1. Reduce your capital investment by claiming Investment Tax Credit.

2. Reduce your taxable income with an additional depreciation deduction for 1982.

3. Improve efficiency and production with a new machine.

4. Lower maintenance cost with a new machine.

5. Get a higher value on your trade-in.



The investment tax credit will help to reduce your Federal income tax up to 10% of the cost of buying Badger Northland equipment.

Depreciation may reduce your current tax liability even more!

The credit directly reduces your Federal income tax dollar for dollar up to $25,000 plus 90% of the liability for tax in excess of $25,000. Any credit which you are unable to use in the current year may be carried back and utilized to obtain a refund of Federal income tax paid in the three previous years. The remainder, if any, may be carried forward to reduce such tax in the seven succeeding years.

All new and used Badger Northland machines purchased and used in business or for production of income qualify for the credit. (Used machines purchased are subject to $125,000 investment limit per taxpayer. There is no limit on new machines.)

The full 10% credit is available if the machine purchased has a useful life of at least 5 years. If the useful life is 3 or more years but less than 5, the credit is 6%. Generally, the credit may be obtained on the total purchase price of the machine. If you are trading in your old machine for a new one, some investment tax credit claimed in previous years may be recaptured.

Whether the machine is paid for in cash does not affect the amount of the investment tax credit.

If the machine is disposed of before its claimed useful life is exhausted, the credit is recomputed and may be wholly or partly recaptured.

A combination of the investment tax credit and depreciation could substantially improve your cash flow.

For example: Assume that your joint federal income tax liability for 1982 is expected to be **$18,000.** If you decide to purchase 2 new Bader Northland Forage Wagons for $10,000, your tax liability may be reduced by the investment tax credit of **$1,000.** The normal depreciation rate assuming a five year useful life is $10,000 x 15% x 33%* = **495.** Total Reduction = **$1,495.** Reduced Federal Income Tax Liability = **$16,505.** (*Assumed marginal tax rate of 33%)

Check with your tax advisor to determine the exact benefits of purchasing Badger Northland machinery before December in your particular circumstances

And that is not all, for you will be able to reduce your future tax liability by claiming depreciation on the remaining undepreciated cost.

The example is based on the Accelerated Cost Recovery System (ACRS) depreciation rates

Badger Northland is "Setting the Standards" Again...

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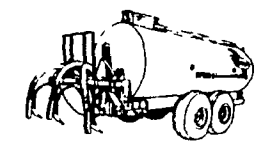

Badger offers two financing programs aimed at making that decision to buy Badger farm equipment easier — First, 0% annual percentage rate to those who purchase Badger Forage Handling Equipment between now and December 31, 1982 Second, Badgers entire line of Feed and Manure Handling Equipment may be purchased at a low 8.5%, also before December 31, 1982. For further details, see examples on the charts below

TERM AND ANNUAL PERCENTAGE RATE	*12 mo/0%	24 mo/17 5%	36 mo/17.5%
WAIVER	NO	TO 4/1/83	TO 4/1/83
CASH PRICE	$1000	$1000	$1000
DOWN PAYMENT/TRADE IN	200 (20%)	250 (25%)	250 (25%)
AMOUNT FINANCED	800	750	750
FINANCE CHARGE	0	144 29	219 35
DEFERRED PAYMENT PRICE	1000	1144.29	1219 35
MONTHLY PAYMENT	66 67	37.26	26.93

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- Forage boxes
- Forage blowers
- Running gear

TERM AND ANNUAL PERCENTAGE RATE	12 mo/8.5%	24 mo/17 5%	36 mo/17 5%
WAIVER	NO	4 mo max	4 mo max
CASH PRICE	$1000	$1000	$1000
DOWN PAYMENT/TRADE IN	200 (20%)	250 (25%)	250 (25%)
AMOUNT FINANCED	800	750	750
FINANCE CHARGE	37 31	144 29	219 35
DEFERRED PAYMENT PRICE	1037 31	1144.29	1219 35
MONTHLY PAYMENT	69.78	37 26	26 93

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- Kee Klamps
- Water Fountains
- Chain feeders
- Feed weigher mixer
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- Chute liners
- Transfer pumps
- Barn cleaners
- Pump agitators
- Manure spreaders
- Free stall cleaners
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- Liquid manure injectors
- Manure agitators
- Slurry spreaders

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Finnish girl compares Christmases

(Continued from Page B2)

In Finland, small children sometimes dress up like Santa's elves and on the 23rd of December, elementary schools have a celebration which includes having the children dress up and present a program.

Packages can be wrapped in the stores in Finland, and Johanna says she usually does her shopping very close to Christmas, often the last day. However, in this country she says, "I have already done my shopping."

For her part, she expects clothes and writing paper, but perhaps her Christmas present is one that is coming true now and for the rest of the year. She had visited this country once with an aunt on a vacation, and says, "I love this country. Because I had visited before, I knew the whole way of life was different. Now I feel at home here."

When pressed, Johanna replied that life here is different because "people seem to be so hurried. In Finland people are more serious, more reserved. The whole attitude is different here."

Johanna is attending Donegal High School where she was pleasantly surprised at the friendliness of the students. "I was surprised how the kids at school helped me. If I don't understand, they explain it to me." She is enjoying being a member of the chorus and the home economics club.

She says high school in Finland is harder than here and the emphasis is really on studying. "The senior year is very tough and you must concentrate on studying." The only sports in high school are during physical education; other sports are community activities, not school activities. "The attitude to school is different," Johanna says. "Maybe because school is so difficult."

When she returns, she will repeat the senior year and that causes her one regret. Her friends will all have graduated and gone "their separate ways." After graduation she hopes to become a nurse; following in her mother's footsteps.

She feels Finnish families spend more time together because television programs do not start until 6 to 8 o'clock in the evening.

Johanna, who understands and speaks English fluently, began studying it when she was 12. Having never spoken it, however, she had a few problems when she first arrived, "I thought 'what is that language they are speaking.'" She even now understands the slang students use.

Her father farms wheat, barley and rye, and they have six milk cows, several beef cows and 10 chickens for the family. Of course, she adds, "We have dogs and cats." Finnish farms are very modern, according to Johanna, and it is customary for young people wishing to farm to study agriculture after high school to understand the application of chemicals and fertilizers and the repair and maintenance of equipment.

Johanna has three brothers who are 19, 14, and 7, and she helps her mother a great deal with canning and freezing produce from the garden, as well as helping with haying in the summertime.

Johanna points out, "We don't use any pre-packaged food." This is where the large garden comes in handy. The use only their own vegetables during the winter because all produce must be imported and is therefore very expensive.

What is the weather like, aside from all that snow? "It's cold and dark," Johanna replies. She explains that they have long nights and, "It's dark when I go to school and dark when I come home." By four o'clock in the afternoon darkness has fallen.

For this holiday season, Johanna says, "I'm looking forward to a different kind of Christmas." It will surely be a memorable one for this charming ambassador; as she participates in a program which could bring each of us the best Christmas present ever - peace on earth and goodwill to all men.

Perk up your winter landscape

LANCASTER — As winter takes over in fields, woods and gardens, most trees and shrubs stand stark and bare — without flowers, foliage or fruit. Amid such drabness, plants with bright bark and colorful twigs provide welcome interest.

A chalky-white birch silhouetted against a somber evergreen background, or the bright red branches of a shrub dogwood festively displayed against the snow, can be a cheering sight in the dead of winter.

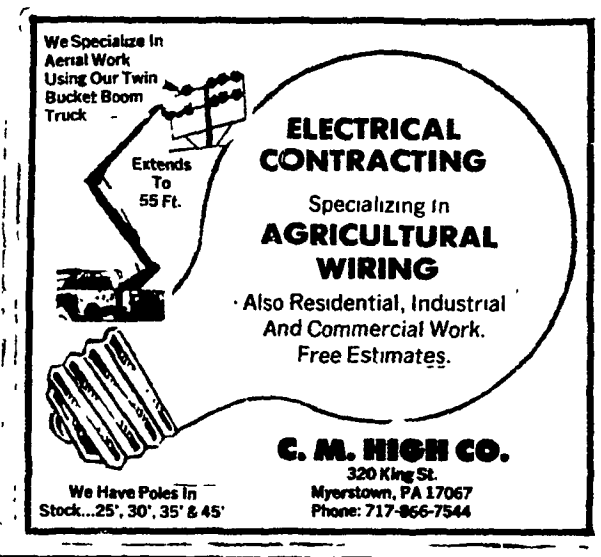
You can have similar scenes in your yard if you plant the right trees and shrubs. There are many to choose from, and now is a good time to see what they look like.

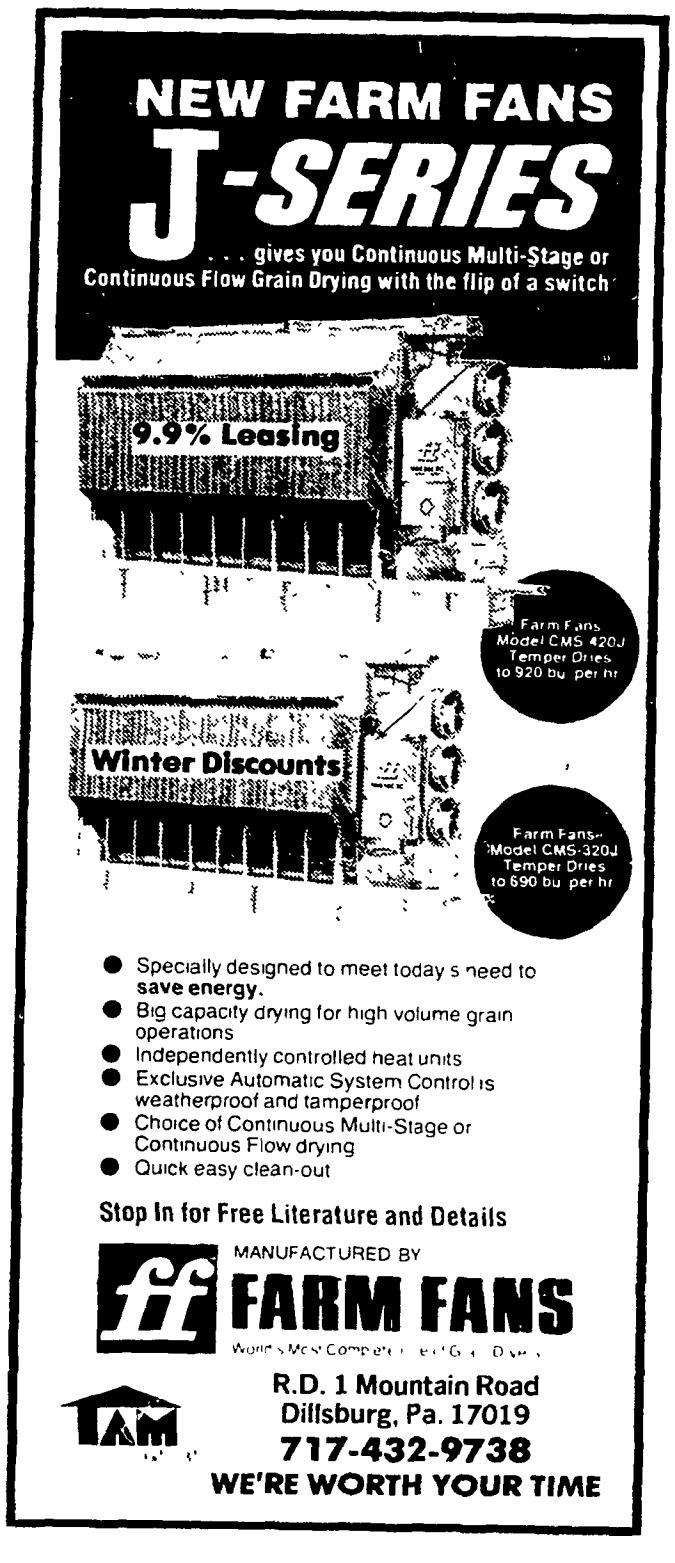
If you want a tree with interesting bark, consider one of these: paper birch (peeling, chalky-white bark), gray or clump birch (white bark with triangular black markings), true Chinese elm (peeling, mottled bark), Japanese stewartia (flaking, mottled bark), Russian olive (long strips of shredding bark), or lace-bark pine (flaking and motted bark).

Shrubs noted for their colorful twigs and stems include the redosier and Siberian dogwoods (bright red stems), yellow twig dogwood (bright yellow), highbush blueberry (red twigs), winter jasmine (green stems) and crape myrtle (flaking and mottled bark on the main stems).

For best winter effect, plant trees and shrubs against a contrasting background. Masses of dark evergreens, light-toned walls, rocks, fences, and even snow-covered slopes can serve as effective backdrops.

Trees and shrubs mentioned here should be readily available. Local nurseries and mail order firms offer a good choice of these and similar plants. Consider their possibilities and make your selections this winter so you'll be ready to plant next spring.





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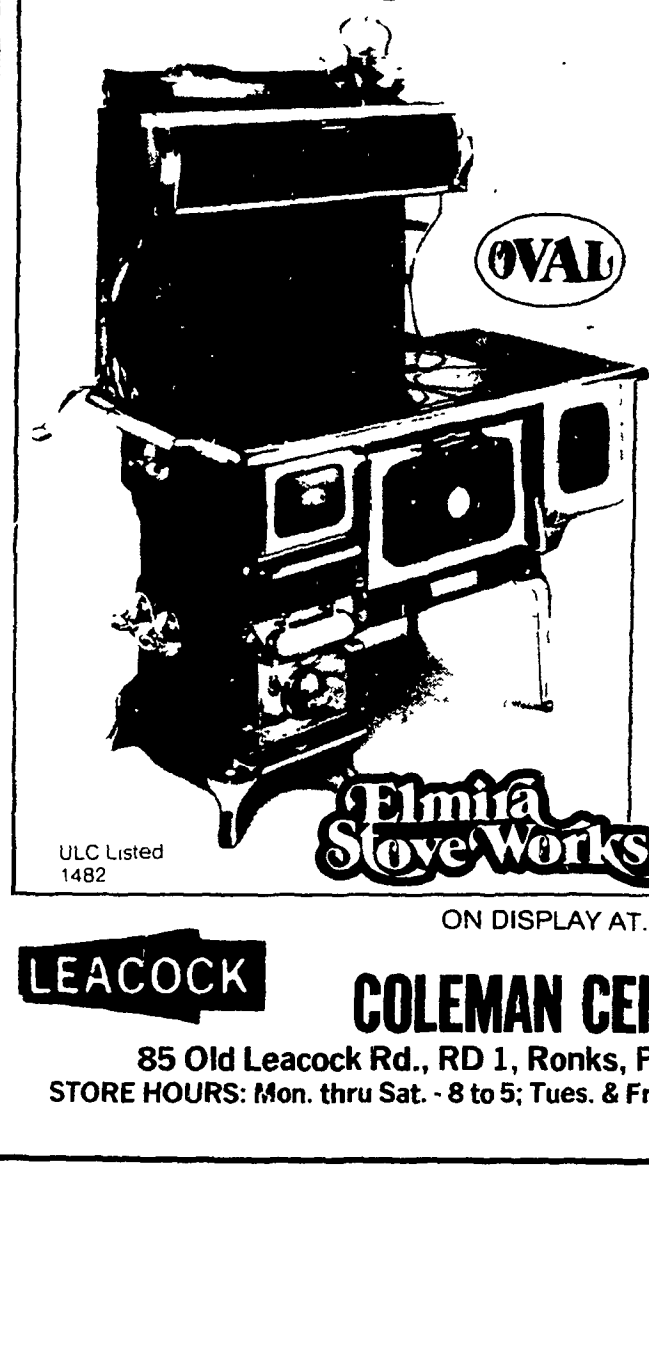

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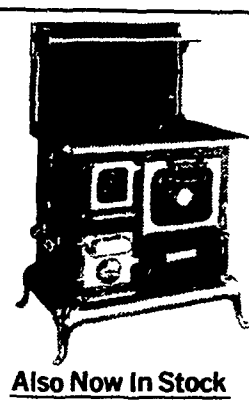

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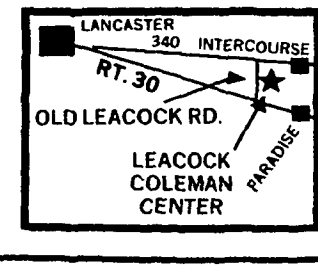

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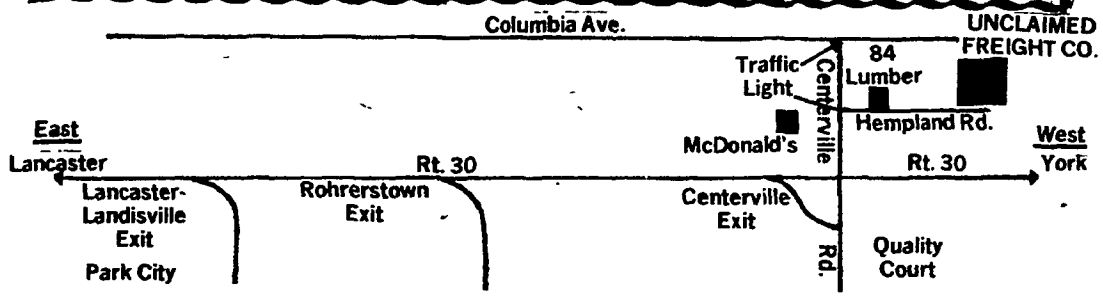

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Ladies Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

Give Safe Gifts

Everyone enjoys receiving gifts. For children there are few greater joys than new toys and games. Adults also have "toys" in the form of hobby equipment and collectible items.

This holiday season make sure that you give gifts that are not only fun but safe.

Seek quality design and construction in toys and games. Also, look for safety labels such as "non-toxic" and "flame retardant" on items that you purchase.

Toys recommended for older children can be dangerous for little ones. Therefore, check and abide the age recommendations on toy labels.

In addition, here are additional safety tips from the National Safety Council:

— Don't give toys that could be swallowed or lodged in a child's windpipe.

— Seek well-made, quality products when you purchase hobby equipment. Electrical equipment should meet the Underwriters Laboratories (UL) safety standards. Chemical supplies should be stored in sturdy, labeled containers.

— Always read and follow directions on labels and in instruction manuals.

— Keep potentially hazardous hobby equipment such as tools, solvents and glue away from a child's reach.

Help make this holiday season safe and enjoyable. Enjoying toys and hobbies is a family affair.

Sew For A Designer Look

Sewing for holiday giving and festive party clothes is now in full swing. If you want your sewn speciality to have that designer look, follow these tips. Your pillows, table linens and super clothes will be the hit of the season.

— Eliminate time consuming basting by exact and perfect cutting. Then pin the top and bottom edges of the seam together and add a few more pins in between to line up the seams perfectly. Place the pins at right angle to the seam so you can remove them before stitching.

— Elegant and exotic lace inserts are a snap if you do it the way professionals do. On fabrics that don't unravel easily, topstitch bands of lace directly into the fabric and then cut away the fabric underneath the lace. You don't even have to plan ahead for seam allowances!

— To get a smooth line on curved hems, machine baste one-quarter in from the raw edge. Then use a pin and pull up the basting thread every two to three inches to distribute the fullness evenly. Place a square of cardboard underneath the raw edge of the hem to prevent press marks and then steam shrink the excess.

— Piping's all the rage and can add that extra touch that gives your sewing a designer look. When you use piping or cording in a seam, make two separate stitchings. Use the zipper foot to sew the piping onto the right side of one fabric section and then pin the second piece so that you can see and stitch over the first line of stitching.

— Always read your pattern guide sheet and pattern markings carefully and follow the steps exactly. Short cuts you dream up usually take your hours of extra time to set right.

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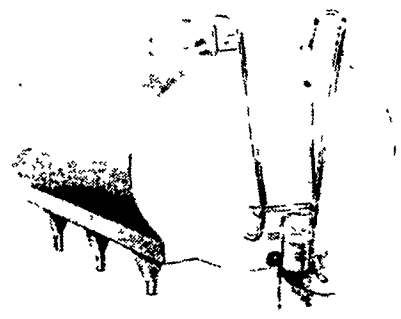

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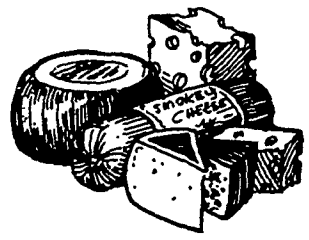
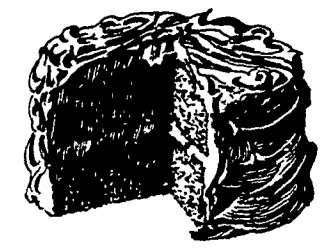


Home On The Range



This Christmas

Serve traditional ham in an untraditional way

Usher in Christmas with a traditional dish — delicious, versatile ham.

But you don't have to serve it in the traditional way. If you're feeling rather creative this year try it in a casserole or a salad and add another entree.

Ham tastes great with eggnog or hot apple cider and those Christmas cookies you spent hours preparing.

Have a merry, baking Christmas this year!

If you love juicy, tender ham, then Christmas is the season for you. Ham is the traditional dish, and egg nog, the drink. The two taste great together. Try this Fiesta Ham for your family and friends. Or if you prefer to be different, find a recipe on this page to suit your tastes.

FIESTA HAM

1/4 c. butter
1 c. chopped celery
1/2 c. chopped green pepper
1/2 c. chopped onion
1 can mandarin oranges and pineapple tidbits
1/3 c. fruit syrup
1 T. cornstarch
6-oz. can frozen orange juice concentrate, thawed
1 T. soy sauce
1 lb. ham, cut into thin strips (approx. 3 cups)
salt
1 c. uncooked regular rice
1/4 c. butter
1/2 c. grated Parmesan cheese
toasted sliced amonds

Melt 1/4 c. butter in large skillet; saute celery, green pepper and onion until tender. Meanwhile, drain oranges and pineapple, reserving syrup; set fruit aside. Gradually add syrup to cornstarch, mixing until smooth. Stir cornstarch mixture into sauteed vegetables. Stir in fruit, orange juice concentrate and soy sauce. Cook over medium heat about 5 minutes, stirring frequently. Add ham; cover and heat to serving temperature. Salt to taste. Meanwhile, cook rice according to package directions. Add 1/4 c. butter and cheese; stir until melted. To serve, arrange rice around ham mixture on serving plate, sprinkle with almonds.

GLAZED BAKED BONELESS SMOKED HAM

7 to 10-lb. or 4 to 6-lb. boneless fully cooked smoked ham
1 jar (6 to 8 ounces) apple or currant jelly
1 T. lemon juice

Place ham on rack in open roasting pan. Insert meat thermometer so the bulb is centered in the thick part. Do not add water. Do not cover. Roast at about 325 degrees until meat thermometer registers 140 degrees, allowing 15 to 18 minutes per pound for a whole ham; 18 to 24 minutes per pounds for a half ham. About 15 minutes before ham is done, brush with glaze made by stirring jelly and lemon juice together with a fork. Complete baking. Let ham stand about 15 minutes before carving.

HAM AND POTATO CASSEROLE

1 1/2 T. butter
1 1/2 T. flour
1/2 t. salt
1/8 t. pepper
1 1/4 c. milk
1 c. grated cheese
1 c. chopped cooked ham
4 c. sliced potatoes

Melt butter over low heat. Remove from heat. Add flour, salt, and pepper stirring after each addition. Stir until smooth. Add milk slowly, stirring constantly to make a smooth, light paste. Return to heat, cook, stirring constantly until it thickens. Stir in cheese.

Mix together the cheese sauce, ham, and sliced potatoes. Pour into a greased baking dish. Bake at 350 degrees for one hour or until potatoes are done.

Patricia Layton,
Federalsburg, Md.

DEVILED HAM CASSEROLE

1 small can deviled ham or 1/2 c. ground cooked ham
1 t. finely chopped onion
2 T. chili sauce
1 t. horseradish
1 t. prepared mustard
1 t. Worcestershire sauce
4 slices slightly stale bread
1/4 c. grated sharp process Cheddar cheese
2 t. butter
3 beaten eggs
2 c. milk
1/2 t. salt

Combine ham, onion, chili sauce, horseradish, mustard, and Worcestershire sauce. Spread bread slices with mixture and cut slices into 1/2 inch cubes.

In 1 1/2-quart buttered casserole, alternate layers of cubes and cheese, ending with bread cubes. Dot with butter. Combine eggs, milk, and salt; pour over all.

Place casserole in pan of hot water and bake in moderate oven (350 degrees) for 1 1/4 hours.

Mrs. Ralph Fetter, Baltimore

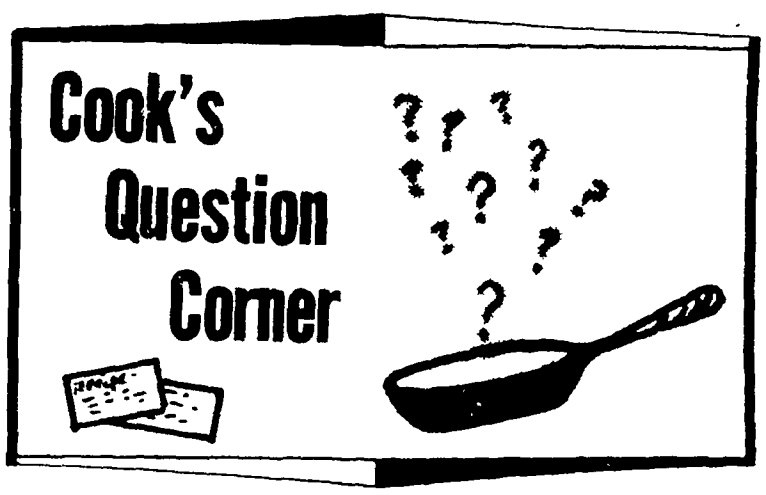
HAM LOAF

3 c. cooked ground ham
1 T. brown sugar
1 T. vinegar
2 1/2 c. soft breadcrumbs
1/4 c. finely chopped onion
2 T. minced parsley
1/4 t. pepper
1 1/4 c. milk
2 beaten eggs

Combine ingredients and fill greased loaf pan.

Place in another pan of hot water. Bake in oven at 350 degrees for about 1 hour.

(Turn to Page B8)



QUESTION - I am looking for a pecan cream pie recipe. I lost a World War II vintage recipe calling for a small amount of sugar due to rationing. Can anyone help?

Janet Morgan
Kennett Square

ANSWER - For Erma Sheriff of Marysville who requested a recipe for onion rings, comes the following recipe from Mrs. Albert Grube:

Onion Rings

1 large onion
1 c. flour
¼ t. salt
2 eggs
1 t. baking powder
1 T. shortening
½ c. milk

Peel onion, slice into quarter inch slices, seperate rings. Soak in ice water one-half hour.

Mix the flour, salt, baking powder, shortening, eggs and milk.

Dip onion rings into batter and fry in deep oil until brown on each side. Drain on paper towel. for crisper rings, beat egg whites and fold into batter last.

Recipe Topics

January	
1	Thick, juicy beef dishes
8	Warm soups for cold weather
15	Make it with an egg
22	Vegetable dishes for the winter
29	Chicken dishes

Mr. Farmer....

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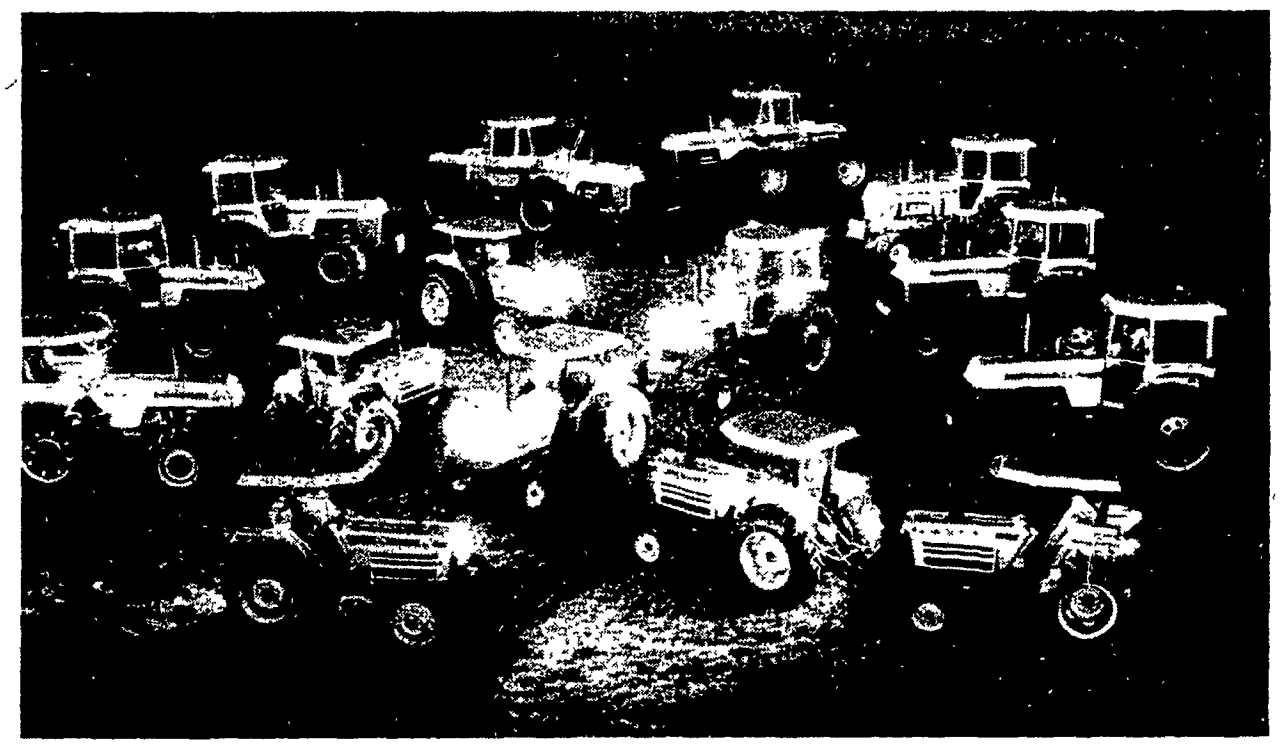

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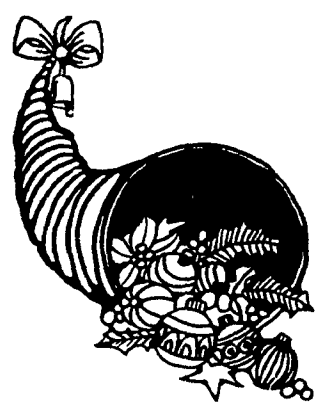

Merry Christmas

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Serve traditional ham

(Continued from Page B6)

ORANGE HAM LOAF WITH RAISIN

1 12-oz. can pork-ham luncheon meat
2 large oranges

Slice meat crosswise in 1/4-inch slices to within 1 inch of bottom. Place loaf in shallow baking pan.

Peel and section oragnes. Place orange sections between meat slices to form fan-shaped loaf.

Pour raisin sauce over loaf.

Bake in moderate oven (375 degrees) for 20 minutes. Baste occasionally during baking.

Raisin Sauce: Combine 1/2 c. brown sugar, 1 T. flour, 1 t. dry mustard, 1 t. grated lemon rind, 1 1/2 T. lemon juice, 1 1/2 T. vinegar, and 1/3 c. seedless raisins in saucepan. Heat to boiling point and cook over low heat 1 minute, stirring constantly.

Martha Russell, Martinsburg

HAM AND MUSHROOM CASSEROLE

1 1/2 c. uncooked noodles
2 c. medium white sauce
1/2 c. grated American cheese
1/2 t. onion powder or 1 T. grated onion
2 stalks celery
1 4-oz. can mushrooms
2 c. diced leftover ham
salt and pepper
buttered crumbs

Cook noodles in boiling, slightly salted water.

Make white sauce and melt cheese in hot sauce. Add onion, sliced celery, and mushrooms, which have been browned in a little hot fat.

Add noodles, ham, and salt and pepper to taste.

Turn into greased baking dish; cover with fine buttered crumbs and bake in moderate oven (375 degrees) for 30 minutes, or until crumbs are brown.

Gingerbread people bring holiday cheer

LANCASTER — What could delight a child more on Christmas morning than to see a whimsical gingerbread boy or girl peeking out of the stocking?

And what could be more welcome during this busy holiday season than this shortcut for baking these delighful characters? These gingerbread cookies start with a baking mix so many of the ingredients are premeasured. They're quick and easy because all the ingredients are mixed together in one step.

Decorated with frosting or candies, these gingerbread people are sure to make even the holiday Scrooge smile. And why not leave one for that jolly old man, Santa? He might leave an extra gift under the tree!

GINGERBREAD BOYS AND GIRLS

2 1/2 c. Bisquick baking mix
1/2 c. sugar
1/2 t. ground cinnamon
1/2 t. ground ginger
1 egg
1/4 c. light or dark molasses

Mix all ingredients until dough forms (work with hands if necessary). Cover and refrigerate at least 1 hour.

Heat oven to 375 degrees. Roll dough 1/8 inch thick on lightly floured cloth-covered board. Cut with gingerbread cutter or other favorite cutter. If cookies are to be hung, make a hold in each 1/4 inch from top with end of plastic straw. Place about 2 inches apart on lightly greased cookie sheet. Bake until no indentation remains when touched, 8 to 10 minutes. Immediately remove from cookie sheet; cool cookies completely. Decorate as desired. Makes about 2 dozen 5-inch cookies.

Be prepared for winter storms

UNIVERSITY PARK — It doesn't take 20 feet of snow to make your winter a disaster, so be prepared, says Dennis Murphy, Extension safety specialist.

He offers these suggestions:

—Pay attention to weather forecasts and other winter weather releases on radio and television.

—Check your supply of heating fuel. Fuel carriers may not be able to deliver during heavy snow.

—Stock extra food, including food that needs no cooking in case of power failure.

—If the power is out, keep your refrigerator and freezer doors closed as much as possible. The food will be safe from spoilage for a minimum of two days if you don't open the doors at all.

—Prevent fires by not overheating your stove, heater, or furnace. Don't leave fireplaces unattended.

—Stay indoors during cold snaps and storms unless you're in top physical condition. If you must go out, don't over exert, especially when shoveling snow. Heart attack is a common cause of death during and after winter storms. Remember, cold winds and temperatures put extra stress on your body even if you're in good condition.

—Wear several layers of loose-fitting, lightweight, warm clothing. Layers of clothing trap warm air close to your body. You can remove clothing to prevent perspiring and subsequent chill. Other clothes should be tightly woven, water repellent, and hooded if possible. Cover your mouth to protect your lungs from extreme cold.

Try the 'stay-slim seven'

LANCASTER — If holiday parties usually mean "fat city" for you, try the "stay-slim seven:"

1. Eat before you go to the party. Fill up with a light snack like an apple and a diet beverage to take the edge off your appetite.

2. At the party, take small portions of the calorie-packed foods and concentrate on low calorie salads, vegetables and beverages. Especially watch the punch, egg nog and booze.

3. Throw your own party. That way you can control calories. Feature raw fruits and vegetables served with light dip made from cottage cheese, yogurt or buttermilk.

4. Season vegetables with lemon, orange or tomato juice instead of butter or cheese. Use spices and herbs instead of rich sauces.

5. Treat yourself (or your guests) to fresh fruits for desserts. Many citrus fruits are near their peak during December and January and are often on sale at supermarkets.

6. Serve pumpkin pie in custard cups without the pie crust. This will save about 150 calories per serving.

7. Exercise. If you've been on exercise programs, step it up during the holidays if you can. Or sing a lot of Christmas carols. Singing keeps you from eating and burns about 120 calories.

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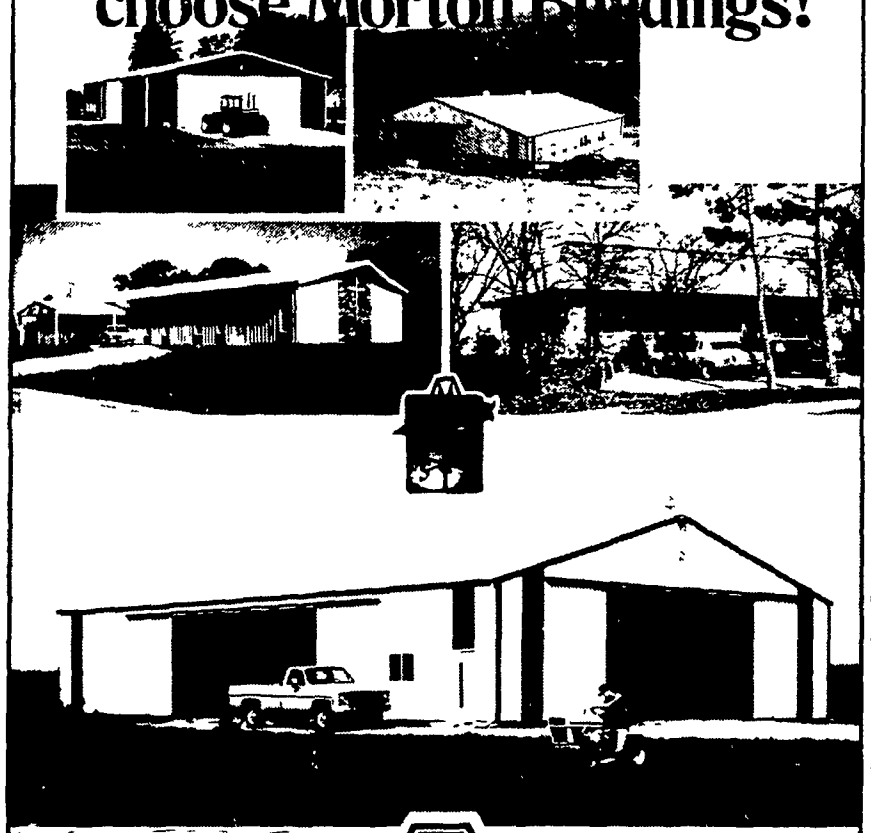

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PENNSYLVANIA CHAPTER LICA

Ida's Notebook

Ida Risser

I am privileged to have diaries that were written by my mother and by my father in 1915. Recently, I read over them and decided to share some of the events of Christmas week with you.

In those busy days before Christmas, they butchered a 400-pound hog and got three big cans of lard. They ate backbone meat and sauerkraut and stuffed pig stomach. The following day they fried the pork and put it in earthenware crocks to be covered with lard for winter use.

Wheat was hauled to the mill and 65 gallons of kerosene purchased at 9¢ per gallon to be used to run the separator to get cream for butter that would be sold at the Central Market in Lancaster. A man came to their home and spent the day repairing all of their clocks.

Snow fell overnight and Henry helped to shovel the roads open so that they could go to a revival meeting at Ephrata in the sleigh. An automobile had killed several chickens and they hoped to be able to keep the guineas off of the road.

They drove their buggy to Lancaster past the tollgate in order to get some new rag carpet. She wore her high button shoes and new muff when they walked to see the large decorated tree at the courthouse.

In the evening they pasted pictures in a scrapbook, made snow ice cream, and strung popcorn to put on a cedar tree that they cut in the meadow. They also made a Belsnickle face to wear when visiting neighbors on Christmas Eve and candy to give to their children.

On Christmas day they ate a 10-pound chicken. Lots of uncles, aunts and cousins came to visit. In the afternoon, adults and children alike went ice skating on the nearby Lititz Creek. The fire along the bank warmed their bodies as the renewed friendships warmed their hearts while over 125 people gathered there.

Peace on Earth

His birth brought love and hope to all mankind...embracing hearts with joy and spirits with true peace. Let the celebration of this holy day fill each of us with renewed happiness, as we share in thanks for the many blessings we behold.

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Kid's Korner

Reindeer hoofs and noses make Christmas eve a breeze

When Santa selected reindeer to lead his sleigh, he made an excellent choice. They're ideally suited for travel on snow and ice.

And although their noses may not really glow, they're invaluable for reindeer navigation, communication, and even survival.

Donner and Blitzen's modern-day counterparts don't leap from rooftop to rooftop, but they probably could. Reindeer are small and fleet—and their hoofs are engineering marvels.

Their hoofs' broad surfaces function as snowshoes in deep snow, and are surrounded by sharp, horny rims that grip rocks, hard snow, and ice securely. The centers are padded and concave, providing traction for running down rocky hills and leaping over icy terrain.

Even the tiniest reindeer is undaunted by the difficult.

"I've seen reindeer only a few hours old running at breakneck speed over the sheer ice of a frozen lake, then jumping in vertical leaps up a steep slope with rocks and bushes taller than the calf itself," reports Dietland Muller-Schwarze, animal behaviorist at the State University of New York.

Muller-Schwarze has observed reindeer in their native territory of Scandinavia, where they are herded by the Saami people—widely known as the Lapps. Recently he joined a family of Saami and their reindeer for the spring migration from Sweden's forested coastline to its mountainous interior—some 120 miles on cross-country skis.

The Saami lead their reindeer into the mountains above the timber line each April to bear calves and to save the food supply in the forests for the harsh winters.

Reindeer thrive in the arctic; most of the world's reindeer live in icy Siberia. Along with North America's caibou, reindeer are the only animals able to survive with lichen as their main food supply, and they can smell it through several feet of loose snow. They don't get cold: long hollow guard hairs together with fine short underfur keep them warm in the bitter winters of the north.

Like that of other arctic animals, the nose of the reindeer is an insulator for its respiratory system—a nasal air conditioner. It allows reindeer to retain both moisture and heat and avoid becoming dehydrated and exhausted in the cold.

In the arid frozen arctic, reindeer can survive on less than a tenth-liter of water a day, explained Dr. Vaughan Langman, animal physiologist at Wellesley College, Wellesley, Mass. Both Langman and Muller-Schwarze have conducted field work on large mammals with the support of the National Geographic Society.

The animals' noses serve them in many other ways. Through scents, reindeer recognize their offspring, communicate alarm and willingness to mate, and manage to stick together during the migration, Muller-Schwarze said. Five different glands in the hoofs, hind legs, the tail, and under the eyes, secrete scented fluids that send out a variety of signals.

Muller-Schwarze recently named and described the fifth gland, the caudal gland in the tail previously unknown to science. The scents emitted by the caudal gland permit reindeer cows to recognize their calves and also help to alert the herd to potential danger, he explained.

Secretions from the gland in their hind hoofs mark the migration route for other reindeer. "Our experiments show that this secretion is important for herd coherence—that dispersed animals find their way back to the group by sniffing for footprints."

Reindeer and caribou are members of a single widespread species, Rangifer tarandus. Some 500 years of partial management in

(Turn to Page B12)

Reindeer thrive in the cold, some spending their winters prancing in the forests of Scandinavia. But when spring comes, it's time for migration to inland pastures, guided by Saami, or Lapp people. Reindeer also are native to Siberia.

COLOR THIS!

1.	BLACK	6.	ORANGE
2.	RED	7.	GREEN
3.	YELLOW	8.	LT. BROWN
4.	BLUE	9.	LT. BLUE
5.	PEACH	10.	LT. GREEN

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New study shows ways for whey

WASHINGTON, D.C. — Life was simpler when little Miss Muffett sat down to eat her curds and whey. No one knew that she was wise in nutrition and was also helping the environment.

"The whey by-product from making cottage cheese contains highly nutritious food ingredients such as lactose and protein," said Charles F. Stewart, a marketing specialist with USDA's Agricultural Marketing Service. "But it costs too much for most dairy processing plants to recover the protein in the whey."

complete disposal of the whey is also a problem because of its volume and its potential as an environmental pollutant.

Stewart recently developed plans for commercial dairy processing plants to recover the protein from whey efficiently while significantly reducing the pollution level of the remaining effluent.

The dairy industry could realize an annual profit of nearly $100 million by using the recovery system, Stewart said.

"The value of the recovered protein could reach millions annually if markets are found for the product," he said. "And, since the product has already been used successfully in bakery products, modern Ms. Muffets soon could be eating their whey in crackers, cookies or chips."

According to Stewart, nearly 2,000 dairy processing plants in the United States process both fluid milk products and cottage cheese. These operations produce about 6 billion pounds of acid whey each year.

"Disposing of the whey is a problem because of the nature of the material and because processing plants are widely scattered, each producing relatively small volumes of whey, with no uniform method of disposal," he said.

Besides determining the most reliable procedure for treating and recovering the protein from whey while reducing pollution, Stewart also considered the nutritional value of the material. He also identified potential markets and a realistic value of the material. He also identified potential markets and a realistic value for the product.

Stewart determined practicality of the commercial systems on the basis of whether the value of the product recovered offset the cost of the recovery system and how much the systems reduce the disposal cost of the whey through municipal systems.

The high biological oxygen demand causes sewage plants problems in treating whey. For example, a plant producing 100,000 pounds of whey each day would need a sewage treatment plant for whey disposal equal in size to one required for a city of 21,000 people.

The whey disposal problem has caused municipalities in some cases to apply surcharges on dairy plants for dumping whey in the sewage systems, he said. Some municipalities have banned such practices completely, forcing dairies to seek alternative disposal methods.

"There are several other methods of disposing of whey," Stewart said. "It can be fed to farm animals, but the amount consumed is only a small portion of the volume produced. It can be used as fertilizer, but runoff from the land then pollutes the natural streams and waterways. Drying also is not a satisfactory method of whey disposal."

Another step in solving the whey problem is finding a market for the recovered yeast-whey protein material.

The material has been successfully used experimentally as an ingredient in various bakery products and snack foods. The snack foods, generally considered to be lacking in protein, are natural targets for the new market, he said.

"The material has been used to develop a chip-type product similar to many of the commercial types presently on the market," Stewart said. "And it has been blended with several different types of meat products such as pork sausage to increase the nutritional value.

It also has potential as a nutritional supplement in animal feeds," he said. "livestock nutritionists have indicated that it may be useful to replace some of the soybean protein commonly used in feed formulation. The pet food industry is interested in the material as a partial replacement for meat protein in many different types of pet foods."

Reindeer hoofs and noses

(Continued from Page B10)

Scandinavia and Siberia have left reindeer a semi-domestic creature, a bit smaller and lighter but with essentially the same physiology as the caribou that compose the wild herds of Rangifer tarandus found only in North America.

In 1892 reindeer from Siberia were transplanted to the seward Peninsula region of Alaska in an effort to provide Eskimos with a new food source. Today Alaskan reindeer number only around 30,000, some 25,000 near the Seward Peninsula. Beset by disease and parasites, Alaska's herds also lose numbers when some reindeer escape to wild caribou herds.

Alaska's main economic benefit from reindeer has proved to be not meat and hides, but antlers. Both sexes grow elaborate, imposing-looking antlers each year. Males naturally shed theirs after the fall rut, or breeding season; pregnant cows keep them through the spring calving season.

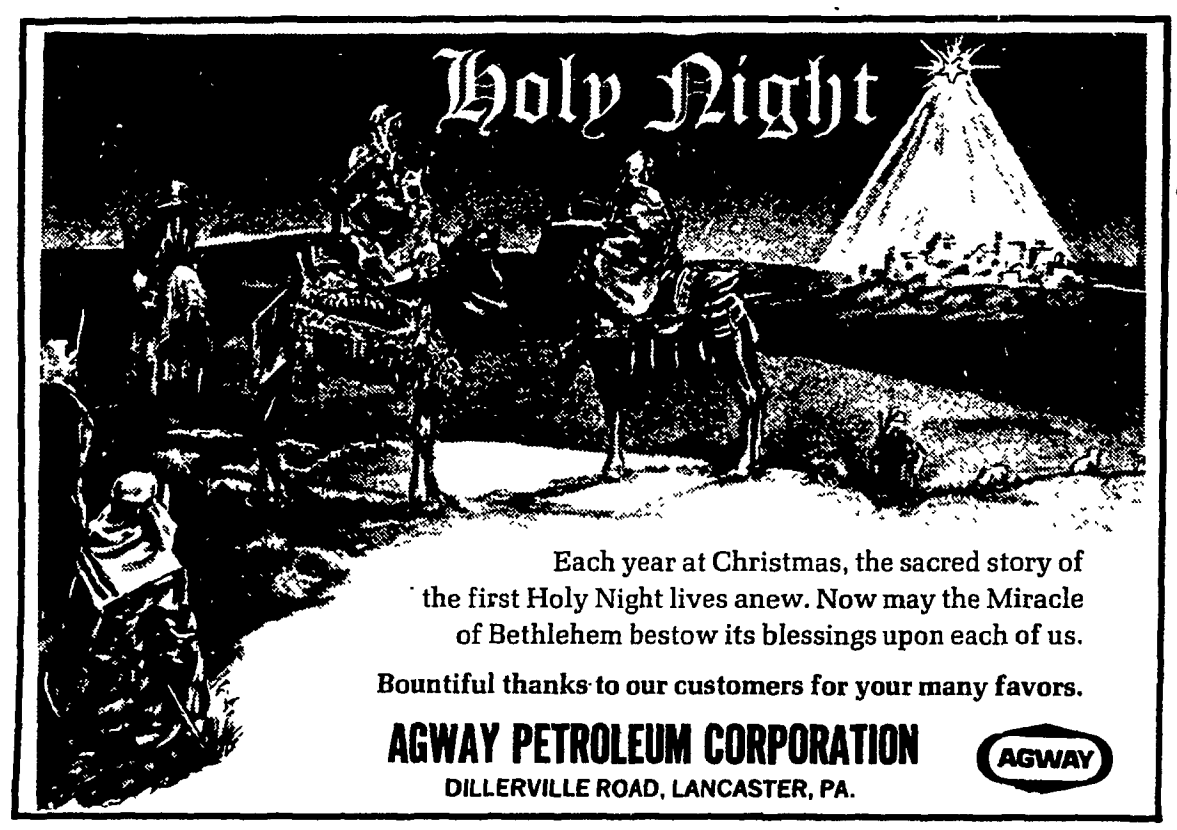
In June, when the antlers are in "velvet"—fully developed but not yet hardened—Alaskans harvest them to sell to Koreans and Chinese, who prize them for medicinal bases. Reindeer antlers have sold for as much as $50 a pound.

Do Eskimos also believe antlers make them virile?

The Saami, also known for large families, refuse to cut the antlers, but make use of the rest of the reindeer: the milk and meat for food, the skins for tents, bedding, clothing, and shoes, and the naturally shed antlers for carving native objects.

F.W.S. Calendar

Saturday, Dec. 25
Merry Christmas!
Wednesday, Dec. 29
Lancaster Society 24 meets for a Christmas party
Lancaster Society 4 meets at the Farm and Home Center at noon
Thursday, Dec. 30
Lancaster Society 11 meets at the home of Betty Brabson for a program on cherished items



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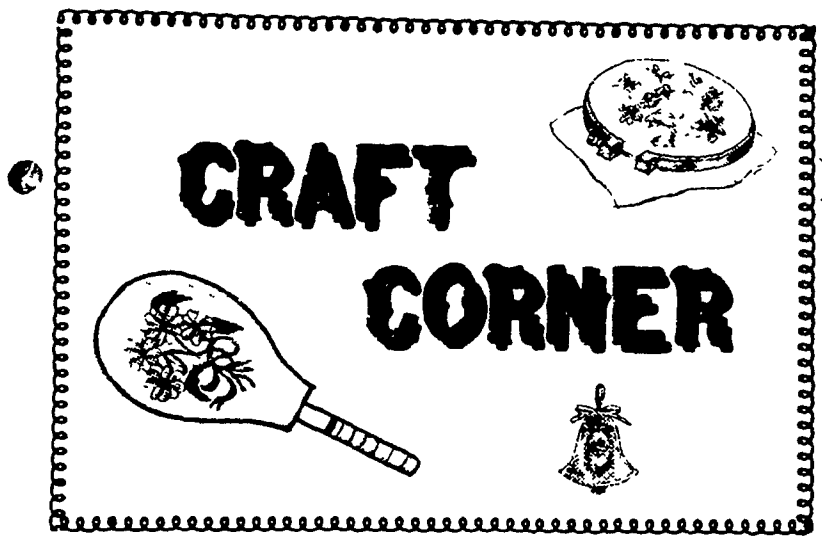


Permanent poinsettias

This year, when the holidays are over, your poinsettias don't have to fade. They'll remain red all year long, if you make them from velvet scraps and some inexpensive floral supplies.

Poinsettias are the quintessential holiday flowers. One Christmas Eve many years ago, according to the Mexican legend, the poinsettia burst into red blossoms when a poor young girl brought the leaves to church rather than come empty-handed.

Today, you can make the legendary flowers with ease. Here are directions for velvet poinsettias:

MATERIALS: Red velvet; green floral tape; floral tape; floral wire; tiny gold beads; masking tape; white glue; spray sizing or starch; tailor's chalk; paper and pencil; scissors; iron.

PREPARATION: 1. Spray wrong side of velvet with sizing or starch. Press velvet with warm iron. 2. Repeat step one until fabric feels stiff.

PATTERNS: 1. Using paper and pencil, draw a small petal pattern, about 4 inches long and 1½ inches wide. 2. Draw a medium-size petal pattern, about 4½ inches long and 2 inches wide. 3. Draw a large petal pattern, about 5½ inches long and 2 inches wide.

CUTTING: 1. Using the patterns, cut four small petals, cut four small petals, 10 medium-size petals, and six large petals from velvet. 2. For each petal, cut one stem wire about 2 inches longer than the petal.

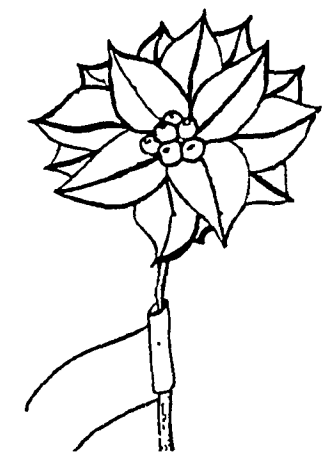
PETALS: 1. Dip each stem in white glue. 2. Lay stem on wrong side of petal. 3. Let glue dry.

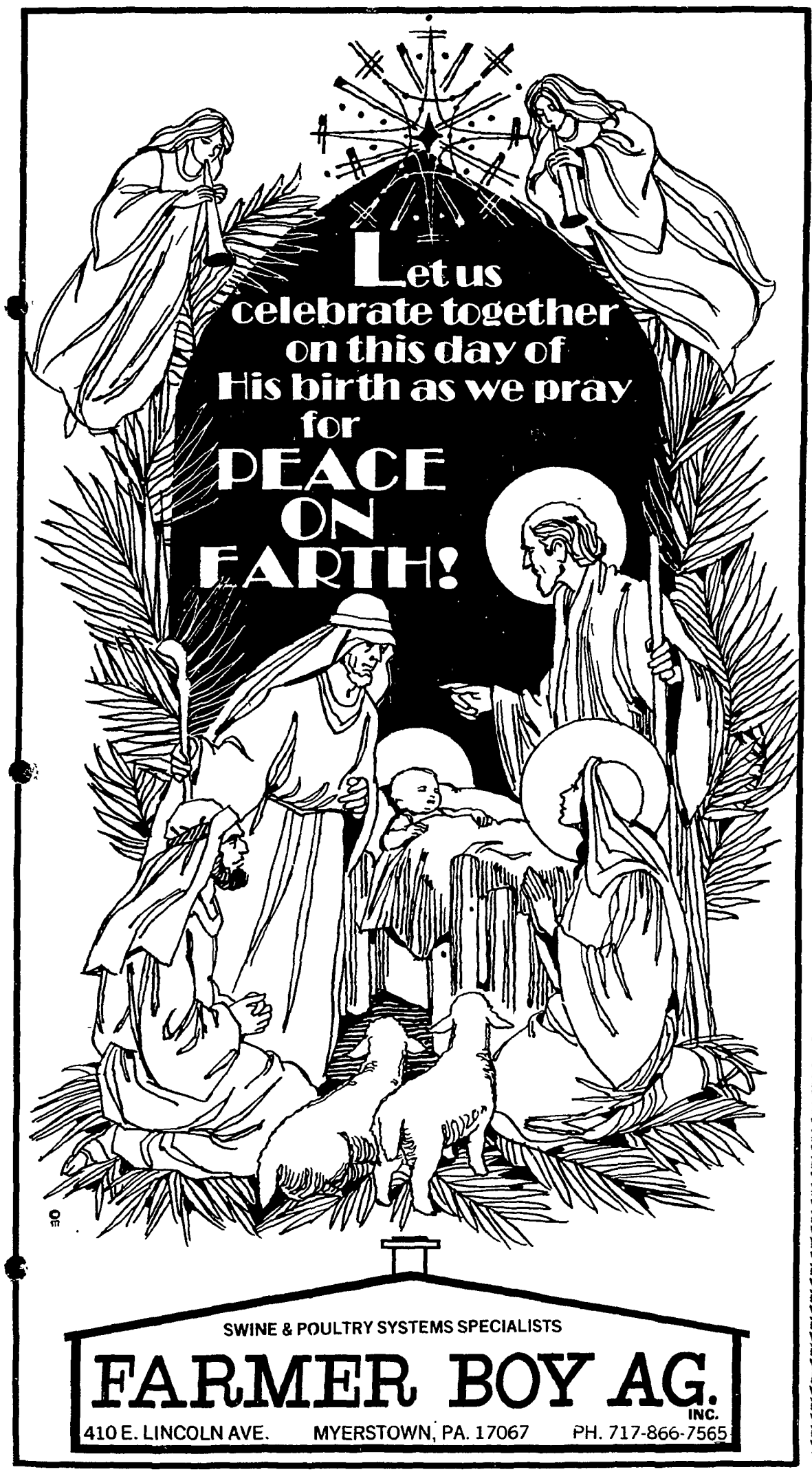
CENTERS: 1. Glue a bead to the ends of six floral wires. 2. Let glue dry. 3. Using masking tape, join stems together about one inch beneath the beaded ends.

ASSEMBLY: 1. Using masking tape, add small petals around beaded wires. 2. Tape large petals around the smaller petals. 3. Tape six medium petals around the growing flower. 4. Bend wires to give petals a more graceful shape. 5. Add more petals where needed to fill in any gaps.

STEM: 1. Stretch end of floral tape. Wind tape around stem, always stretching tape as you wind. 2. Wind on several layers of tape. Keep winding until stem is thick enough to support the flower. (If necessary, add more wires to the stem.) 3. Trim stem as desired.

BOUQUET: 1. Make several poinsettias according to the above directions. 2. Purchase fabric greenery or make leaves from green velvet and stem wires. 3. Put poinsettias and greenery together in a bouquet.





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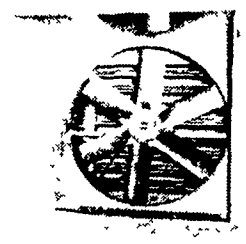

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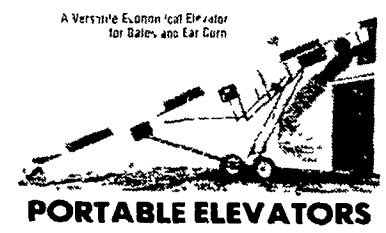

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SEASONS GREETINGS

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John 3:16

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Farm Women Societies

Lancaster Co. Society 3

Lancaster Society 3 met with their families for their annual Christmas meeting, recently.

Member Dorothy Fry told "Stories of Christmas" to the members.

The Society voted to donate $200 to the Ephrata Area Social Services.

The January meeting will be held at the Cloister Restuarant.

Lancaster Co. Society 5

Lancaster Society 5 met on Saturday, Dec. 18 at the home of Mrs. John Yocum of Landisville.

Members conducted a gift exchange.

The next meeting will be held on Jan. 29 at the home of Goldie Groff of Salunga.

Lancaster Co. Society 7

Lancaster Society 7 met recently at the home of Mary Denlinger of Paradise to elect officers.

Elected were: president, Mrs. Gilbert Martin and vice president, Mrs. Leon Martin.

The next meeting is scheduled for Jan. 8 at the home of Esther Hoffer in Lancaster.

Lancaster Co. Society 21

Lancaster Society 21 held their annual Christmas party at the Robert Fulton Inn on Dec. 16 with their families.

Members voted to donate money to a needy household in Lancaster.

In January, the Society will meet for a Green Thumb program with Sara Summers, at the home of Abbie Bradley.

Lancaster Co. Society 22

Lancaster Farm Women 22 met on Dec. 14 at St. Anne's Home in Columbia for their annual Christmas program.

Members were reminded to bring five new recipes to each meeting for the next six months for their cookbook project.

The next meeting will be held at the Farm and Home Center on Jan. 18.

Berks Co. Society 4

Berks Society 4 held their Christmas party at the home of Charlotte Manges of Bechtelsville, recently.

The following officers were elected: president, Mary Nester; vice president, Verna Taylor; treasurer, Edna Angstadt; secretary, Esther Sheeler.

The next meeting will be held at the home of Evelyn Becker of Boyertown.

Nat'l Peach Council to hold convention

MARTINSBURG, WV — New Orleans is the place for people in the peach industry to be in February. Not only for the mild winter weather, the excitement of Mardi Gras, and the everyday fun of that unique city, but also to meet with peach growers from across the nation.

The 42nd National Peach Council convention will be held Feb. 16-20, at the Fairmont Hotel in New Orleans.

In order to get a room at special rates for NPC convention attendees, registrations must be sent in immediately. There are only a very limited number of rooms available over Mardi Gras at the special convention rate on a first-come, first-served basis. Even for the dates of the convention, the room block will only be held until Jan. 15. It is important to note that all persons desiring to reserve a room at the Fairmont Hotel at the special rate must be registered for the convention. The hotel will not accept phone reservatons, they will only accept the special reservation cards provided by the NPC office when convention registration is received.

Full convention registration fees are $350 for a couple and $175 for single persons.

Peach growers won't want to miss this once in a "peach time" opportunity to attend a Mardi Gras Convention. For more information on registration, travel arrangements, room reservations, and the optional tours contact the National Peach Council office at P. O. Box 1065, Martinsburg, WV 25401, phone 304/267-6024.

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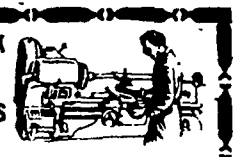

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Christmas

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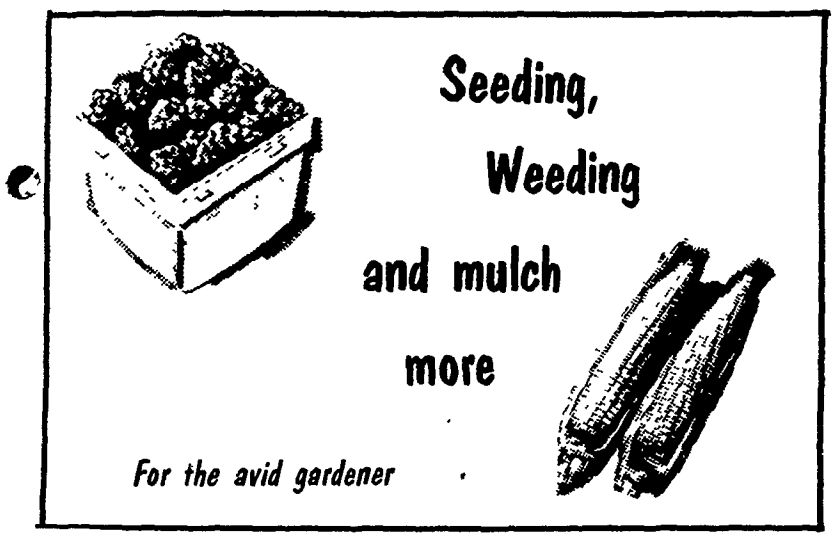

Keep your tree healthy

The best way to keep your cut Christmas tree in good, safe shape is to give it water — as simple as that. Since a tree may use up to a quart of water or more per day, a large capacity stand and daily watering are essential.

Making a fresh cut of the trunk before setting up the tree will increase the tree's ability to take up water. Cool room temperature will help to preserve freshness.

A live, balled and burlapped Christmas tree needs pampering if it is to survive to grace your yard in coming years. The best currently recommended procedure involves wrapping the moist root ball in a plastic bag and tieing it loosely at the top. The tree's stay indoors should be as short as possible. Keep an eye on the tree buds; if they start to show signs of opening, take the tree outside immediately. Then store the tree until March in an unheated garage, covered porch, north-east corner of a building — any spot that the root ball is still moist. With proper planting in March, you will very likely get a good return on your investment in a live Christmas tree.

Lehigh beef club elects officers

ALLENTOWN — The Lehigh County 4-H Beef Club recently elected their new officers for 1983.

Elected were: president, Jane Sikorski; vice president, Ralph Danner; secretary, Debra Krause; treasurer, Seth Gruber; newsreporter, Nicole Trexler; custodian, Frank Fragnito; and teen council delegate, Ralph Danner.

The next meeting is scheduled for Jan. 17 at the Farm Credit Building in Fogelsville.

Lebanon rabbit club elects officers

LEBANON — The Lebanon County 4-H Rabbit and Cavy Club met recently to elect the following officers:

—president, Matt Bolles, R6 Lebanon; vice president and newsreporter, Scott Neiun, R2 Jonestown; secretary and treasurer, Esther Brown, Rl Newmanstown; game and song leader, Daryl Hackman, R2 Newmanstown.

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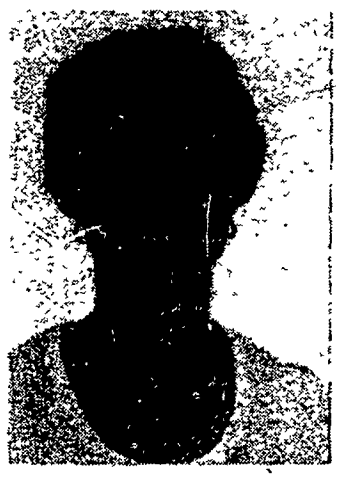

On being a farm wife -And other hazards

Joyce Bupp

As the dusk silently drapes winter-garbed hillsides, and daylight fades into memory, the hustle and bustle, the frantic rushing that has filled recent days, begins to subside.

It's Christmas Eve.

And much of the world will pause to remember, to rejoice, to sing, to pray for peach on earth, goodwill to men.

In our country church, as in thousands of others across this land, the sanctuary will glow with softly flickering candlelight and the radiant brillance of red poinsettias.

A manger, filled with straw from the cow barn, cushions, a symbolic baby doll, the focal point of one of the most beautiful of worship services.

And down the aisles processes our own choir of angels.

They range in age and size from the self-conscious, taller, almost-teens on down to a few of the tiniest cherubs, barely past toddling size.

Robed in white, they come, tinsel sparkling from blonde and brunette heads, a few of the halos slipping slightly sideways. We teachers forgot the bobby pins again.

Bringing up the back of the procession are the usually mischievious boys, now transformed into shepherds. Garbed in borrowed bathrobes, fabric squares framing their fair and freckled faces, they seem so serious in the re-enactment of this drama.

These angles and shepherds surround the two chosen to portray Mary and Joseph, who take their places keeping vigil at the manger, and study the baby whose parents they symbolize.

One smaller angel fidgets, twisting her curls in nervousness, while a shepherd momentarily forgets a song verse as he searches the dimly-lit sea of faces for parents who are fighting to hold back tears of pride.

With a lisp or two, a few slightly off key, voices respond to a final piano cue and begin their last vocal offering of this night: "Away in a manger, no crib for a bed...."

Suddenly, the miracle has happened all over again.

And it comes forth, not in presents nor partying, nor in government edicts nor decrees, but in the simple hope of children gathered around a small manger where a baby lies in the straw.

This is Christmas.

May its peace, its love, its joy, its hope, be yours, always.

Merry Christmas!

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Twin Valley wins three area contests

ELVERSON — Three members of the Twin Valley FFA emerged as winners of Area FFA contests held Nov. 22 at the Berks County Agricultural Center.

A total of 27 Twin Valley students competed in the six contests against 200 fellow FFA members from Berks and Lebanon Counties. The contests are viewed by many members as stepping stones to the state level contests next June at Penn State.

In pleasure horse judging, Brenda Werner, R2 Elverson, President of both the Twin Valley chapter and Berks County FFA, captured first place. Carol Kurtz, R2 Elverson, captured second with Mary McMullen eighth, Gail Raiser ninth, and Chris Werner tenth.

A total of thirty-five members from eight different chapters placed two classes of quarter horses, took a written test on horses, and identified various items of tack. The Twin Valley team of Werner, Kurtz, and McMullen also captured first place over six other chapter teams.

In the agronomy contest, chapter Vice-President Kevin Griest, R1 Honey Brook, earned first place with sophmore Chris Coblentz fifth, and Junior Dwight Houck ninth. The 17 contestants from six chapters identified 25 Pennsylvania weeds, ten crops, seven crop insects, and six diseases. They judged two classes of hay, completed a soil test form and forage test form and interpretted results of completed soil and forage tests, took a general knowledge test on field and forage crops, and completed a work sheet on weed and insect control utilizing the Pennsylvania Agronomy guide. The Twin Valley team of Griest, Coblentz, and Houck also captured first place team competition.

Rod Stoltzfus, R2 Elverson, captured first place in meats judging contest over 28 fellow members from nine chapters. Freshman Mark Zerr placed third, with fellow freshman Steve Plank ninth, and senior Pam Trostle, tenth. Meats contestants identified three classes of meat cuts, 25 cuts to a class, first as to species, secondly as to primal cuts, and finally as to retail name. Then they placed a class of four T-bone steaks, a class of delmonico steaks, a class of hams, and a class of beef carcasses. The Twin Valley team of Stoltzfus, Zerr, and Plank placed first in team competition.

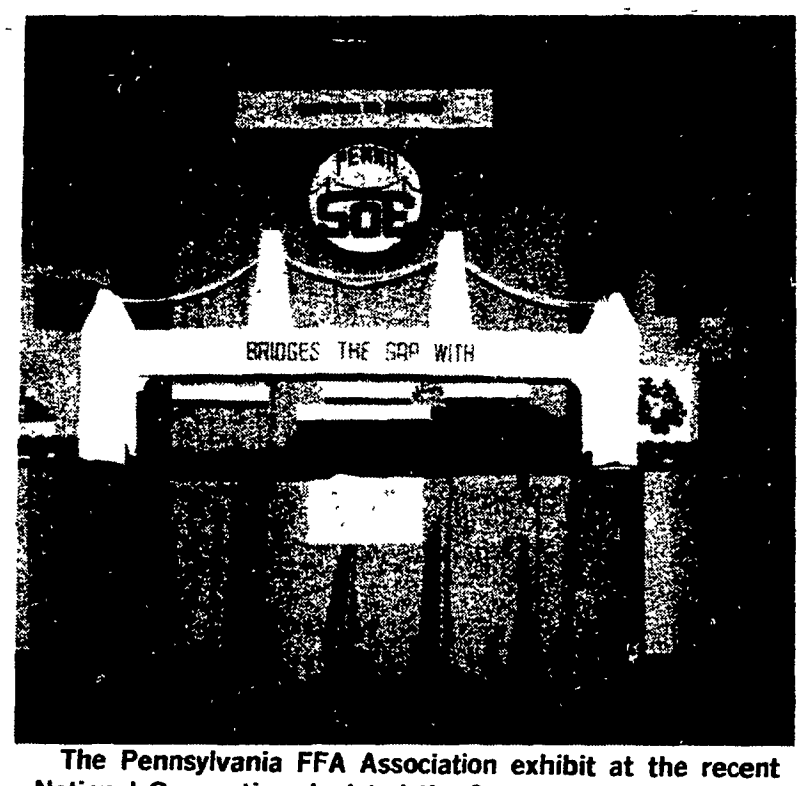
In the milk quality and dairy foods contest, only freshmen Bob Anderson, Birdsboro, finished in the top ten. Bob placed fifth. His fellow Twin Valley contestants were Jim Gollub, Don Rodgers, and Paul Walker. The Twin Valley team of Anderson, Gollub, and Rodgers placed fifth overall. A total of 42 contestants from nine chapters took a written test on milk production, processing, and marketing; identified milk flavors and scored ten samples of milk; scored ten milk sediment discs; identified eleven different cheeses; identified cottage cheese flavors and scored cottage cheese samples, and identified faults and scored three milker units.

In the agricultural mechanics contest, Bill Kirk, R3 Honey Brook, placed sixth with Joe Nonnemaker, eighth. In team competition, Kirk and Nonnemaker combined scores earned third place for the Twin Valley duo. Thirteen FFA members from seven chapters competing in mechanics took a written test on selected areas of mechanics. Then each student performed a series of tasks such as laying a corner with cement blocks, wiring a timer, identifying various electrical tools, etc.

IN dairy judging competition, 90 students from nine chapters placed six classes of dairy cattle and a class of pedigrees of cattle. None of the Twin Valley contestants placed in the top ten in this contest, with the chapter team placing ninth. Twin Valley dairy judges were Glenn Stoltzfus, Bert Zerr, Chuck Plank, Craig Miller, Don Timm, Greg Raser, Lisa Yoder, Chris Cylcewski, and Tim McEwen.

The series of six contests were conducted and supervised by the FFA advisors from nine competing chapters with Ron Frederick, Twin Valley advisor serving as general chairman for the events. The contests, run according to rules of the events. The contests, run according to rules of the state contest, serve as ways of educating students as well as measuring their knowledge in each of these areas.

Pa. exhibit stresses SOE



The Pennsylvania FFA Association exhibit at the recent National Convention depicted the Supervised Occupational Experience Program in the Commonwealth from student learning through employment. The exhibit was part of the Hall of States, which includes an exhibit from each state. The exhibit was constructed and manned by members of the Lehigh County FFA Chapter at the Vo-Tech School in Schnecksville.

CDP forming area program

MECHANICSBURG — On Tuesday, Nov. 23, the CDP, Cumberland, Dauphin and Perry Area FFA officers, met at the Cumberland Valley High School.

They immediately set to work on a Program of Work for the CDP Area.

The group then adopted the constitution and by-laws as stated in the official FFA manual, but changed the wording to read CDP Area. It was then discussed to have many FFA contests held on the area level. The next discussion was on an area degree. This degree would be between the chapter degree level and the Keystone degree. The following requirements are:

1. 5% of the applicants will be selected for the degree.
2. The area officers will be the selecting committee.
3. Applicants must have invested $500.00 or 400 accumlated hours for whole experience or directed laboratory projects.
4. Applicants must hold local office or be a chairman of a standing committee.
5. Applicants for the degree will include the page listing leadership activities as the Keystone degree application. (Page 10)

The 1982-83 area officers would automatically receive the area degree. They discussed the amount of involvement in chapter banquets. Each chapter should invite an area officer since we have to attend one chapter banquet. Other business to require FFA members to pay area dues.

Lebanon reports corn winners

LEBANON — The Cedar Crest FFA participated in the FFA County Corn Contest held Nov. 18 at Lebanon County Vo-Tech School. Those who participated were:

In Yield 1st, Steve Wenger; 2nd, Mark Patches; 3rd, Wesley harding (Northern Leb); 4th, Jeff Zuck; 5th, Dwayne Gish.

In Quality, 1st, Wesley Harding (Northern Leb); 2nd, Mark Patches; 3rd, Dwayne Gish; 4th, Jeff Zuck; 5th, Steve Wenger.

The judge for the contest was Homer Martin, an area seed salesman. When Martin judged the ten ears of corn from each entry, he was looking for the following characteristics — bright yellow color, uniformity of ears, straight rows, large size, freedom from mold, other marks, and full ears.

FFA

Grasslanders recall Convention memories

NEW HOLLAND — Did you ever take a 2,600-mile trip in a small van with 10 other people. Well, 10 FFA Members from the Grassland Chapter and their advisor, Mrs. Abbe Barbato, could tell you many interesting stories.

On Monday, Nov. 8 at 5:30 a.m. this group of future farmers left the Garden Spot High School and headed for Kansas City, Mo. The students included Carolyn Witmer, Lori Fox, Jodi Carmen, Julie Pry, Sharon Bowman, John Sweigart, Junior Hursh, Ron Martin, Cliff Horning, and Ernest Mast.

Each day of travel they would stop at numerous places of interest. A few of the places visited were the Air Force Museum at Dayton, Ohio, Indianapolis 500 Speedway in Indiana, the Jefferson Memorial Arch in St. Louis, Mark Twain's home in Hannibal, Mo., and various sites in Springfield, Illinois, home area of Abraham Lincoln.

On Wednesday evening, Nov. 10, they arrived at Kansas City.

The local delegation from the chapter was met by six other chapter members who had traveled by bus and by plane to get to Kansas City. Barbara Herr, a sophomore at Penn State, represented the top Sheep Proficiency winners in 15 eastern states. She was selected runner-up for the National award. She became the first FFA member from Pennsylvania to be selected in the area of sheep proficiency to represent the Eastern U.S.

Also attending the convention in national contests were Julie Hess in Poultry Judging and D. Craig Fox in Farm Management. Craig was presented a Gold Medal for his efforts. Three members of the chapter were selected to go to the convention as observers because of their achievement at the State FFA Activities Week Judging at Penn State in June. Lamar King and Mike Weaver were 1st and 2nd respectively in the State Wildlife Conservation Contest and therefore were eligible to attend. Julie Hollinger had placed 2nd at Penn State in Horse Judging securing her a trip to the National Convention.

The National FFA Convention started on Wednesday evening with a Vespers Program and concluded on Saturday evening with the retiring address of the National President, Scott Nesham. Each day's session consisted of National officer retiring addresses and inspiring talks by nationally recognized personalities. The list of speakers included John Block, Secretary of Agriculture; Honorable Jesse Helms of North Carolina; and Terrel Bell, Secretary of Education.

Secretary Block encouraged the audience to look for responsibilities, and then get the job done. A few of the entertainers performing for the "Ocean of Blue jackets" were Dale Evans Rogers, Melissa Gilbelrt, Singer Barbara Mandrell and comedian Jerry Clower. Jerry Clower had the FFA'ers rolling in the aisles as he described his wild experiences while growing up in the south.

Awards were given out each day to winners of various contests. The Grassland FFA Chapter was presented the Gold Emblem award for being selected as one of the top three chapters in Pennsylvania this year. It was ranked Number 1 in the state. It also received a Silver Award for its participation in the Building Our American Communities Program. Leadership workshops, educational tours, and a career exhibit focused attention on the developing of Leadership skills and the careers awaiting those who have those skills.

Nearly 23,000 FFA members, their advisors, and guest registered for this 55th National FFA Convention. With a crowd this size, it was natural to see "Blue Coats" throughout the city, in shops or restaurants. A guessing game of What State the person walking towards you is from, provided some interesting results. Meeting FFA'ers from other ends of the country was fun as well as educational. — Ernest Mast.

Hesston names 4 FFA winners

ELVERSON — Four members of the Twin Valley FFA have been named as national finalists in the Salute to Agriculture Essay contests sponsored by the Hesston Farm Equipment Company of Hesston Kansas. Twin Valley seniors Pam Trostle and Greg Raser and juniors Carol Kurtz and Glenn Stoltzfus each received a belt buckle as recognition of their being named among the 100 national finalists in the essay contest open to FFA members across the United States.

Hesston provided monetary prizes to the top six essayists and uses the winning essay as a television commercial. The winning essayists is also recognized at the national FFA Convention in Kansas City in November.

In apersonal note, Twin Valley advisor Ron Frederick pointed out that Glenn is the second member of his family to become a finalist in this contest. His brother Donald was one of two second place winners in the 1980 contest.

All Twin Valley agriculture students are required to prepare an entry for this contest. The best local essays are then rewritten and submitted to the Hesston company. Theme for the essay was the importance of farmers to the economy of North America and their role in controlling inflation.

Warwick forming Young Farmers

LITITZ — A second organizational meeting to form a Warwick Young Farmer Chapter will be held at 7 p.m. on Monday, January 3, in the Vocational Agriculture Classroom of Warwick High School.

An initial meeting to test interest in the organization of a chapter was held on December 7. Twenty area farmers attended the session.

Those attending the first meeting voted to hold the second session, gather topics for study and provide time to invite additional farmers to attend.

Anyone interested in agriculture or agribusiness is invited to attend. Any farmer or agribusiness representative willing to learn may attend. The only age requriement is to be older than FFA-age.

For additional information, contact the Warwick Vo-Ag Dept. at 626-2061, Ext. 244. Ask for Mr. Gerber or Miss Shaner.

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Grange says "car import bill" won't hurt ag

WASHINGTON, D.C. — Concerns by farmers and agricultural exporters over the threat of disruption to the world trading system posed by HR 133, the "domestic content" bill restricting automobile imports have been eased by recent action of the House of Representatives in passing a modified version of the bill.

Fears expressed earlier by the National Grange and many other agricultural groups who opposed the bill because its passage would jeopardize farm export markets were calmed by the adoption of an amendment offered by Fenwick of New Jersey which nullifies any provision of the bill which is inconsistent with U.S. international obligations.

"The bill in its original form would clearly have been in violation of the General Agreement on Tariffs and Trade (GATT), our chief international mechanism which aims at more open and expanded trade," said Edward Andersen, Master of the National Grange. "It would have signaled to our trading partners that we are fully prepared to repudiate our international obligations and disregard the rule of law in international trade."

Andersen praised the initiative and wisdom of agricultural and other Congressional leaders who contributed to the passage of the amendment which in effect neutralizes the bill's disastrous features. He warned, however, against complacency in what he terms a "temporary victory".

He said, "Until national and world economic conditions are substantially improved, similar unwise protectionist pressures are likely to grow rather than abate in 1983. Farm exports are already seriously threatened by the excessive use of export subsidies by our major trading partners and other barriers which are now being challenged under the GATT."

Md. 'Make it with Wool' contest scheduled

COLLEGE PARK, Md. — After a five-year lapse, a statewide 'Make It Yourself With Wool' contest has again been scheduled in Maryland. The event is set for Saturday, Jan. 8, at the Montgomery County fairground in Gaithersburg, to begin at 1 p.m. in the dining hall near the main gate.

All persons with an interest in sewing wool garments are invited to compete. Entries must have been completed by the competitor since Jan. 1, 1982. Fabric and sewing equipment will be awarded as prizes.

One or more of the state winners will have an opportunity to compete for college scholarships and merchandise prizes in the national contest. That event is scheduled for Jan. 25-28 at Oklahoma City, Okla.

Contest age divisions are: Pre-Teen—10 to 13 years old; junior—14 to 16; senior—17-24, and adult—over 24 years of age. Divisions will be determined by each contestant's age on Dec. 31, 1982.

Garment categories for juniors, seniors and adults include a suit, dress or coat. Pre-teens may enter a jumper, skirt, pants, vest, poncho, sweater or shirt. All garments must be made from fabric containing at least 60 percent wool, and contest judges will test the material to make sure that it meet this requirement.

To obtain detailed contest rules and an entry form, contact the 4-H or home economics office of the Extension Service in any Maryland county or in Baltimore city.

Completed entry forms must be submitted prior to Jan. 5 to either of the state contest co-chairmen. They are JoAnne D. Leatherman, Extension 4-H and youth agent, 520 N. Market St., Frederick, Md. 21701, or Madeleine Greene, Extension home economics agent, 600 S. Frederick Ave., Gaithersburg, Md. 20877.

The national 'Make It Yourself With Wool' competition is sponsored by the American Sheep Producers Council, Inc., and the women's auxiliary of the National Wool Growers Associaltion. In Maryland, this year's contest is being coordinated by representatives of the University of Maryland's Extension Service.

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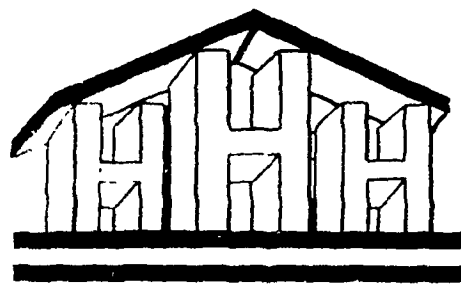

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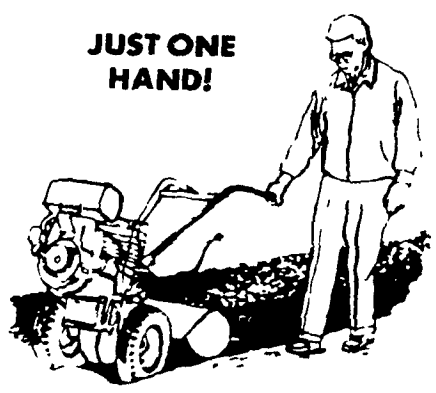

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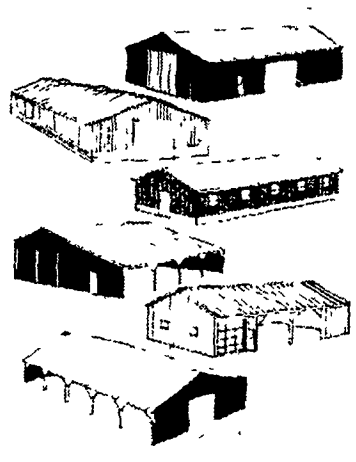

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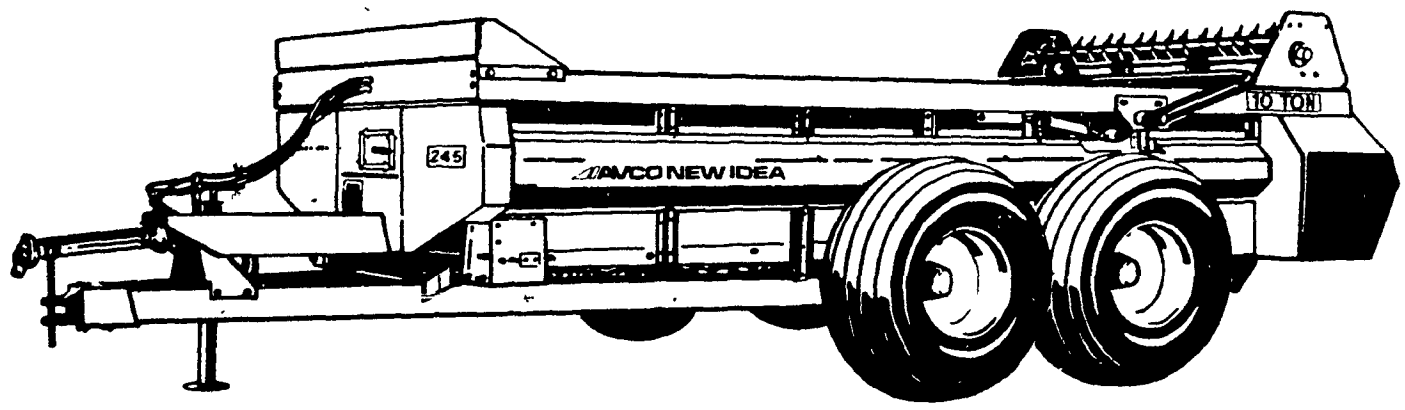

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CUMBERLAND COUNTY DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

October 1982

The following are the highest of actual butterfat in 305 days or less in the county during the month. The age listed is her age at the time of freshing

OWNER NAME OR NUMBER	BREED	AGE	LBS. MILK	LBS. FAT
Paul B Sensenig				
Nancy	GH	6	23,058	970
Otto Brothers				
181	RH	6	22 436	926
Robert Strock				
Felicia	RH	6	20,614	924
Ashcombe Farms				
164	RH	4	23 896	903
Stanley Reinford				
89	GH	3	22 775	903
Ashcombe Dover Dairy				
311	GH	6	18,726	881
Sundays Vallilea Farms				
93	GH	6	25 752	867
Samuel D Shenk				
Tamie	GH	7	23 630	853
Clifford Chamberlin				
Ruby	RH	6	24 265	850
Samuel D Shenk				
Lucinda	GH	4	23 023	846
Otto Brothers				
209	RH	5	19 888	837
Paul Strock				
Stella	RH	10	23 222	827
D Clinton Sauder				
Fern	GH	7	23,119	827
Paul Strock				
Jennifer	RH	3	23,081	826
Kana	RH	4	23 206	822
Delmer E Cornman				
Snowball	RH	5	21,551	822
Ashcombe Farms				
146	RH	3	20 942	817
J Shephard Wolffe				
Fancy	RH	4	19 752	817
John F Stamy, III				
9	RH	5	20 739	815
Berkheimer Farms				
26	GH	5	18 817	815
Paul Strock				
Luann	RH	5	21,231	814
Joddi	RH	6	24 200	813
Paul O Dyarman				
Fritz	RH	7	17 868	812
Ashcombe Farms				
256	RH	4	20 566	807
Sundays Vallilea Farms				
63	RH	5	23 358	804

OWNER	BREED	NO. COWS	% DAYS IN MILK	LBS. MILK	LBS. FAT
Ferman L Landis	B3	40	91	19,820	764
Sundays Vallilea Farm	B3	134	89	20 201	700
M Thomas Sheaffer	3	55	85	19,504	694
Berkheimer Farms	B3	145	87	18,383	692
Edward Brackbill	B3	29	94	17,289	680
Paul B Sensenig	B3	34	88	17 741	664
Clifford Chamberlin	B3	36	88	18,341	662
Paul Strock	3	131	87	18,060	660
Nevin Shughart	B3	32	87	17,594	656
Samuel D Shenk	B3	58	87	18,035	654
Carl Kelso, Jr	B3	60	91	18,100	652
Elmer Gettle	B3	50	86	16,638	638
Robert Strock	3	92	89	16,813	637
Lee A. Hoover, Jr	B3	29	89	17,504	633
Norman Hertzler	3	34	88	17,078	630
D Clinton Sauder	B3	47	89	17,190	627
J. Glenn Glesner	3	56	93	16,565	623
Alfred Gaisler	B3	44	89	16,627	621
Donald & Dave Lehman	3	73	88	16,801	620
Ashcombe Farms	B3	266	86	17,153	619
Fred B McGillvray	3	34	86	17,381	617
John E Lapp	B3	42	85	16,547	615
Robert H Jamison	3	25	89	17,642	614
John F Stoltzfus	3	46	88	17,182	613
Ashcombe Dover Dairy	B3	272	86	16,821	613
J Shephard Wolff	3	52	87	17,275	612
Thrush Brothers	3	100	88	16,480	611
Donald M Leatherman	B3	36	89	16,572	610
Allen & F Glenn Petter	3	22	89	17,144	607
Roy L & James Miller	B3	48	85	16,401	607
Lee G Davidson	3	58	88	15,867	602

OWKER NAME OR NUMBER	AGE	LBS. MILK		LBS. FAT
Otto Brothers				
293	8	18,404	3 7	677
101	7	18,431	3 6	656
181	6	22.436	4 1	926
220	6	13,813	5 1	708
224	6	16 518	4 5	737
107	6	17,591	4 0	695
209	5	19,888	4 2	837
229	5	17 749	3 9	687
132	4	18 553	3 6	664
187	3	21 387	3 7	802
213	3	23 349	3 4	801
278	3	19,945	3 8	756
287	3	18 482	3 6	674
99	1	18 596	3 6	662
Mark A Naugle				
Janet	7	20 612	3 7	771
Stella	7	19 882	3 3	651
Fran	3	17 300	3 8	656
Robert Strock				
Jay	8	22 745	3 4	779
Trixie	6	21 042	3 8	794
Claudia	6	22 199	3 6	789
Maude	6	18 777	3 7	692
Felicia	6	20 614	4 5	924
Vickie	3	17 750	3 8	680
Norman Hertzler				
Sabina	5	19 078	3 8	731
Sandra	4	15 979	4 5	715
Silver	4	19 621	3 5	684
Betty	3	19 123	4 0	766
Skippy	1	15 855	4 1	656
Delmer E Cornman				
Candy	4	22 398	3 3	733
Snowball	5	21 551	3 8	822
Sundays Vallilea Farms				
46	7	21 559	3 5	757
93	6	25 752	3 4	867
58	6	17 648	4 2	737
120	10	24,742	2 9	707
63	5	23 358	3 4	804
69	4	22 630	3 4	765
81	4	22 431	2 9	660
37	4	24 882	3 0	750
28	3	17 977	3 8	679
195	2	19 227	3 4	654
J B Brylmesser & Sons				
200	7	20 017	3 5	691
232	6	20 468	3 6	735
239	5	19 134	3 5	673
256	5	22 886	3 4	769
274	5	19 714	3 9	768
280	5	19 636	3 8	742
322	4	25 409	3 1	775
Ashcombe Farms				
35	5	25 094	3 1	787
164	4	23 896	3 8	903
236	4	19 119	3 6	692
256	4	20 566	3 9	807
303	4	19 096	3 7	703
93	3	22 815	3 4	782
115	3	21,322	3 4	735
146	3	20,942	3.9	817
161	3	20,389	3 8	772
341	2	19,831	3 5	699
Lee G Davidson				
West	6	20,838	3 7	762
Galen & Linda Smith				
Ragdoll	5	20,443	3 2	654
Lacy	6	20,559	3 3	682
Harpie	4	18,919	3 4	652
Thrush Brothers				
63	5	15,449	4 7	726
67	2	17,156	3 9	674
16	3	17,140	4 0	684
Roy L & James Miller				
22	4	18 373	4 0	731
41	7	18,551	3 8	710
Donald & Dave Lehman				
33	5	17,667	4 0	709
Paul Strock				
Stella	10	23 222	3 6	827
Joddi	6	24,200	3 4	813
Luann	5	21 231	3 8	814
Kana	4	23,206	3 5	822
Jennifer	3	23,081	3 6	826
Paul O Dyarman				
Fritz	7	17,868	4 5	812
Stacy	6	19,566	3 7	728
Molly	5	18,152	3 8	694
Leah	4	18 042	4 1	747
Serena	4	22,951	3 2	728
Harry & Paul Hoch				
Sela	7	18,108	3 8	691
Joni	5	18 454	4 1	754
Isabel	4	20 683	3 5	734
J Glenn Glesner				
75	6	20 799	3 3	694
94	5	18 828	3 7	702
5	4	14 726	4 5	656
Alfred Gaisler				
Quey	5	22 774	3 5	797
Milk Way Farms				
29	2	18 937	4 2	786
Paul E Petter & Son				
Nina	5	18 060	3 8	694
Elmer Gettle				
Vesta	6	20 863	3 4	706
Viv	3	16 912	4 3	723
D Clinton Sauder				
Fern	7	23,119	3 6	827
Edna	6	21 367	3 2	694
Fred B McGillvra,				
Trixie	7	20 004	3 9	775
J Shephard Wolff				
Fancy	4	19 752	4 1	817
Herbert B Shughart				
Kim	5	19 453	3 5	689
Her Joy Farms				
Apollo	5	22 209	3 1	683
Ashcombe Dover Dairy				
311	6	18 726	4 7	881
346	6	19,414	3 4	659
R34	5	20 032	3 4	685
36	4	20,191	3 3	669
47	4	18,948	3 6	678
81	3	20,078	3 5	694
86	4	17 165	4 0	683
R150	2	21 016	3 3	688
Paul Baseflore				
Hazel	5	21,687	3 4	727
Jamie	9	22,572	3 2	712
Leroy Showaker & Son				
Sara	7	20,267	3 4	692
John F Stamy III				
9	5	20 739	3 9	815
146	5	17 739	3 9	691
141	3	17,560	3 9	685
91	2	17 676	3 9	691
Carl Kelso, Jr				
17	5	21 258	3 8	799
41	3	21 592	3 2	701
95	2	18 901	3 6	676
5	2	20 265	3 5	708
Samuel D Shenk				
Tamie	7	23 630	3 6	853
Tiffany	5	21 652	3 6	781

(Turn to Page B23)

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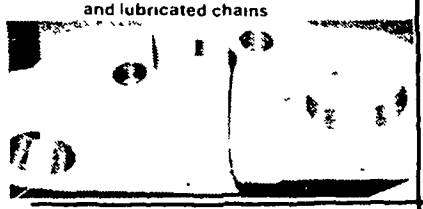
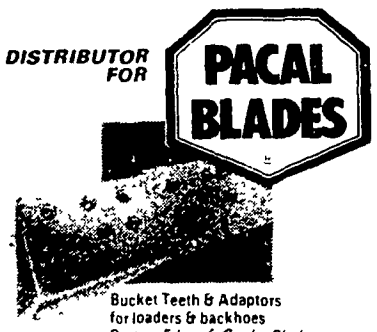
Featuring the exclusive I Loc Split Master Link with sealed and lubricated chains



DISTRIBUTOR FOR PACAL BLADES



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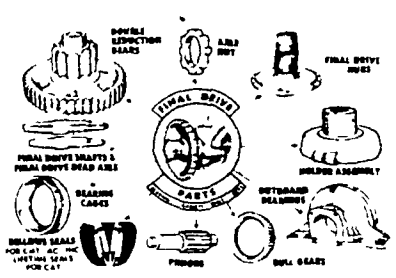

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Complete undercarriage rebuilding of crawler tractors cranes & shovels

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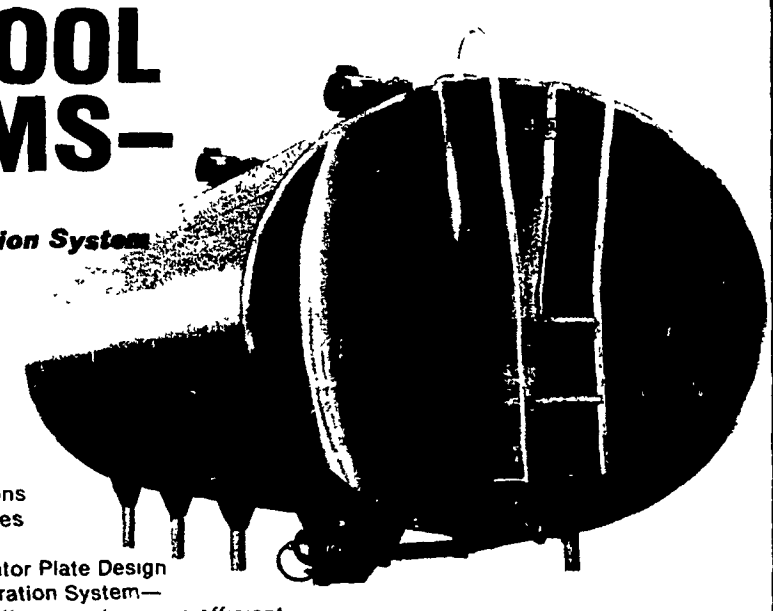

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- High Efficiency Twin-Evaporator Plate Design
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★ USED TANKS AND MILKING EQUIPMENT

Cumberland Co. DHIA

(Continued from Page B22)

Lucinda	4	23,023	3 7	846
Lorette	4	20,665	3 6	745
Sandrod Farms				
17	5	20,133	3 8	772
66	5	21,099	3 5	736
37	4	19,197	3 5	669
18	6	18,982	3 9	731
Nelson D Horst				
41	9	18,995	3 7	712
Berkheimer Farms				
26	4	18,817	4 3	815
134	3	22,662	3 4	776
Fred & Chris McGillvray				
24	5	18,805	3 6	676
David S Miller				
Stacy	5	19,573	3 6	704
Allen B. Martin				
24	3	17,699	3 8	678
Paul B. Sensenig				
Nancy	6	23,058	4 2	970
Tracy	6	17,889	3 7	670
Clifford Chamberlin				
Ruby	6	24,265	3 5	850
Erma	2	16,472	4 3	707
Ferman L Landis				
30	6	23,068	3 3	753
Daniel L Martin, Jr				
9	9	15,009	4 4	655
Martin Miller & Sons				
10	8	18,804	3 7	688
Gerald P Jones				
Peppy	4	19,294	3 6	695
Daniel R Ocker				
98	4	18,208	4 1	747
Charles E Heberlig				
24	3	18,436	4 0	731
25	5	19,275	3 5	669
Randall E Yost				
R6	5	17,730	3 8	675
Roy E Deitch & Sons				
40	5	18,338	3 8	701
Raymond M Burkholder				
38	6	20,934	3 4	710
M Thomas Sheaffer				
Inka	8	19,765	3 6	718
Ruby	2	19,282	3 5	675
Robert Margaret Smith				
Molly	6	17,028	3 8	653
Pepper	5	20,641	3 4	704
Donald M Leatherman				
Eskimo	6	19,891	3 8	756
Kate	3	16,894	4 0	669
Lee A Hoover, Jr				
Velvet	6	17,784	3 7	660
Gretta	3	21,369	3 5	755
Nevin Shughart				
Wilda	6	18,254	4 1	744

Washington County DHIA

October, 1982

Herds above 650 pounds of milk.

William Price	51	19,125	683
Marlin Martin	39	20,144	655
Roy J. Byers	20	18,703	685
Lewis Lehman	29	17,393	655
Larry Neal Bard	38	17,459	832
Paul Edgar Pryor	99	16,889	831

Perry County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

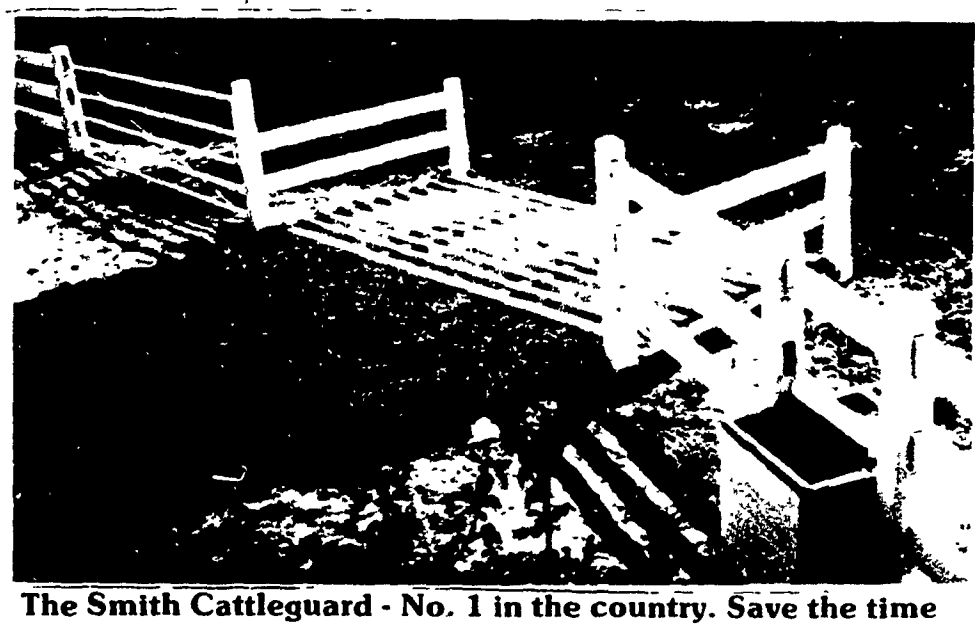
October 1982

OWNER	NO. COWS	DAYS MILK	LBS. MILK	LBS. FAT
Ray E. McMillen	65 6	86 7	22,112	818
Kenneth R. Benner	63 1	88.7	19,931	761
Milmay Farm	54 1	88 4	20,398	758
Richard L Maurer	48 4	88 2	18,962	750
Benjamin E Dum	47 2	89 6	20,783	748
Alfred Albright	94 4	86 8	19,786	733
Max Reapsome	51 9	87.6	19,351	719
Frank Rice	49 5	86.2	19,240	712
Dean Loy & Son	48 8	86.9	19,148	706
Richard G. Smith	53 7	85 9	18,812	699
Nevin G. Rice	86.8	89 8	18,826	697
Wm. E. Martin & Sons	154 0	87 9	18,545	696
Robt. & B. Gabel	39 7	89.7	18,456	696
Richard Kriebel	39 0	87.8	18,223	695
Dumbelle Farms	50 9	90 3	18,556	689

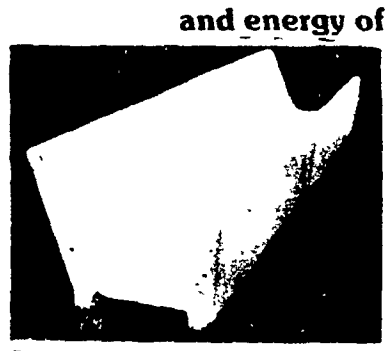
(Turn to Page B26)

The Concrete Choice of Farmers for 21 Years

SMITH CATTLEGUARD® Farm Products



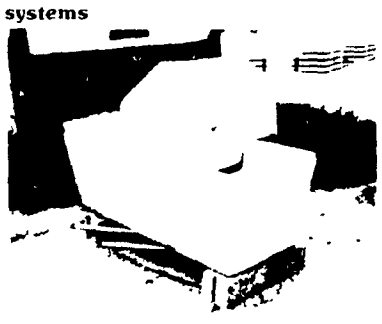
The Smith Cattleguard - No. 1 in the country. Save the time and energy of opening and closing gates.



Fenceline Feed Bunk - Smooth surface, rounded corners for less waste

Centerline Feed Bunk -Adaptable to all types of overhead feeding systems

Stock Tanks - Approved by Soil Conservation Service for a clean, reliable water supply



Freeze-Proof Waterer - No outside source of energy required to keep water ice-free, even in sub-zero temperatures

All products feature:

- Durable Precast Concrete
- Steel Reinforcement
- Simple Installation
- Low Maintenance
- High Quality

All products available from stock

12 Ft. Cattleguard	$395
14 Ft. Cattleguard	$425
16 Ft. Cattleguard	$450
Freeze-Proof Waterer	$250
F.O.B. Plant	

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Abe Diffenbach, Manager

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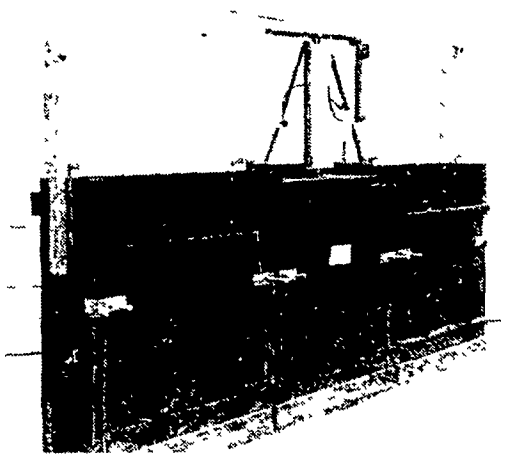

Maryland tobacco has found its way to market in the Pennsylvania area. A new method has been designed to pack this type tobacco. Size and grade of these bales are important for marketing this tobacco in the Southern States.

A baling box machine should be used which puts up tobacco in 22" bales and weigh 75 to 80 lbs. This size is very important for marketing in Southern auctions. Also lower moisture in this type tobacco is required by the Southern buyers. Cotton twine must be used to tie bales. Proper processing is important. If you have any questions about selling or handling Maryland tobacco, call the local buyers at, E.J. Parker Tobacco .Co. Warehouse - Lancaster, Pa. 717-291-5588.

For more information on the three-bin tobacco press call Lancaster Silo Co., Lancaster, PA. 717-299-3721

Ask for Larry - Wayne or Dave.

Bale Unit - Less Operating Cylinder	$295.00
Bale Unit - With Manual Press	$340.00
Bale Unit - With Cylinder Press	$550.00

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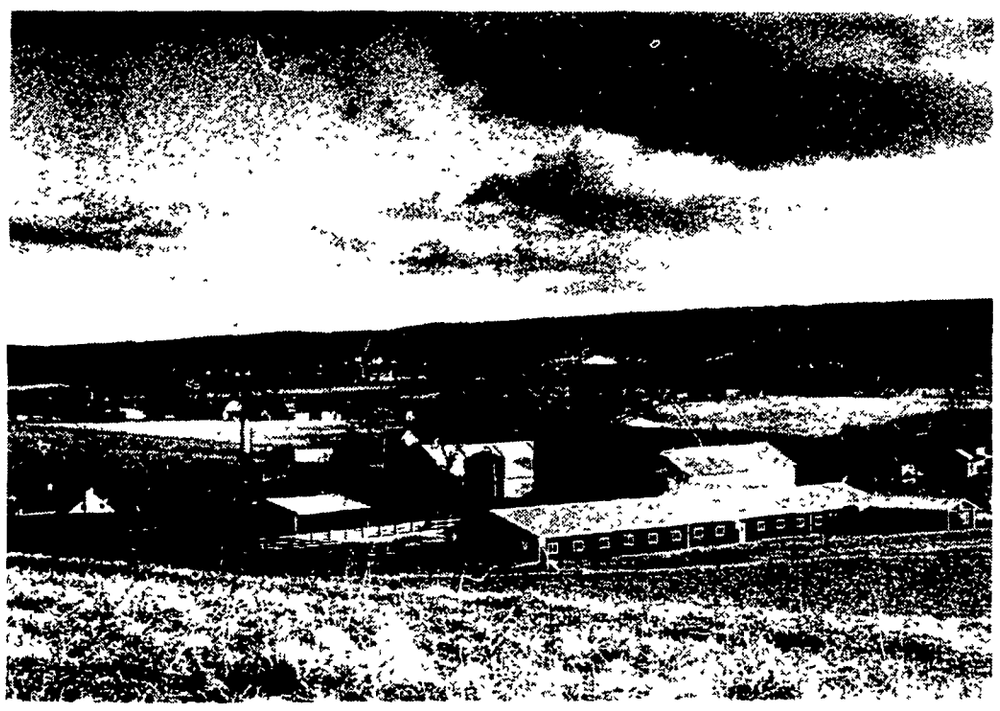
1:00 P.M. - 8:00 P
BLIZZARD DATE: DECEMBE



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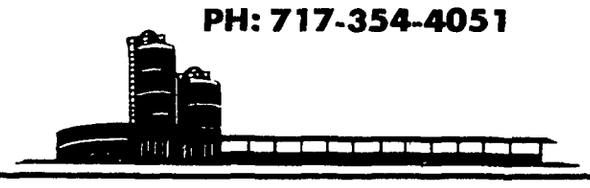

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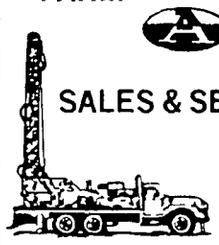

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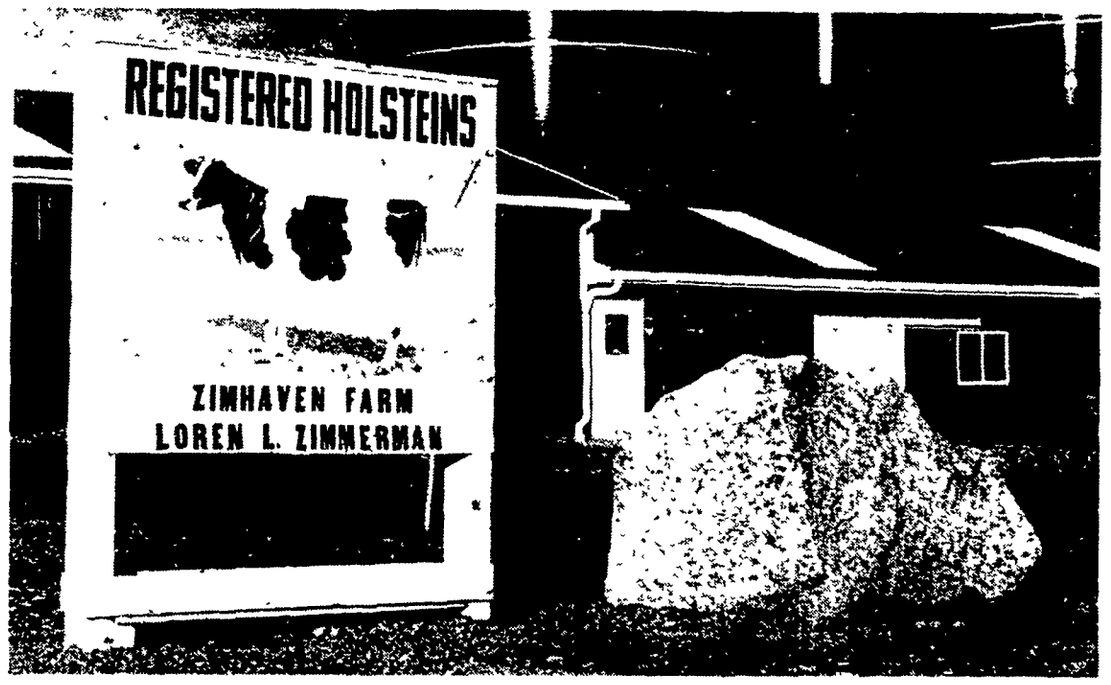
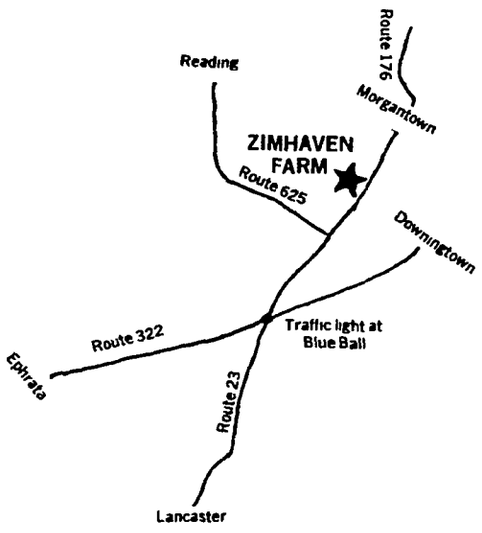


DECEMBER 29, 1982

P.M. - 8:00 P.M.
ITE: DECEMBER 30, 1982



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Rt. 322 East to traffic light at Blue Ball... turn left unto Rt. 23... first farm on left past Rt. 625.

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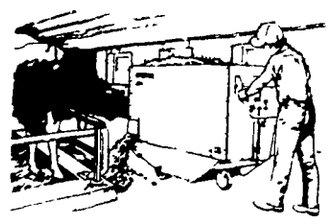

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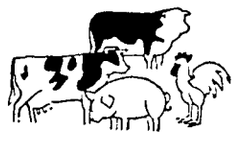

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582 2741 — 944 7654 — 678 4567
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BROWN'S

Perry Co. DHIA

(Continued from Page B23)

Milligan Bros	65.0	87 7	19,135	685
Delmar Brotee & Sons	122 0	85 7	18,596	682
R Jack Crozier	49 8	89 5	18,257	678
Carl E McMillen	86 2	86 7	17 914	675
Donald Dum	34 8	90.4	17,460	673
Charles C Byers	28 8	94 5	17,997	670
Edwin L Sheibley	65 4	82.4	18,582	667
John E Book	38 0	87.9	17,735	666
Fred & Nancy Neely	36 0	85 1	17,795	662
David H Weller	46 8	85 9	17,639	661
Philip E Brubaker	51 5	87.3	17,750	661
Ed & Wilma McMillen	41 9	85.2	17,680	657
Dobbs Brothers	28 1	86.7	17,368	642
Oscar & Winnie Campbell	48 2	86.0	16,596	642
Dean & Eric McMillen	40 5	83.6	16,973	639
Harry R Book, Jr.	45 6	87 9	17,546	638
Clarence S Martin	52 7	84 6	18,254	634
Agrophilos, Inc	60.2	87 7	16,827	630
Ray L. Kling	62 9	86 9	18,342	628
Bratton View Farm	73 5	88 0	16,884	625
John O'Toole & Sons	53 0	88 6	16,540	620
Dale Smoker	76 2	84.6	16,475	612
Perry M Kretzing	91 8	86 0	16,202	612
Mt Home Farm	107.3	89 1	10,069	607
Arthur E Dum, Jr	42 4	86.9	16,622	606
J W & C L Achenbach	42 2	94 0	17,265	603

OWNER NAME OR NO.	AGE	DAYS IN MILK	LBS. MILK		LBS. FAT
Alfred Albright					
Nomie	10-4	305	20,710	3 9	804
Sus	8 0	305	23,323	3 0	709
Ruth	7-2	274	20,782	3.5	724
Milmay Farm					
Malissa	9-6	305	23,415	3 9	904
Trudy	5-5	305	25,562	3 6	912
Lovely	4-2	305	25,719	3 3	853
Mabel	3 11	305	20,142	3 3	667
Carol	2-1	305	20,044	4 3	866
Carl E McMillen					
Zimmy	8-1	305	22,400	3 6	816
Vitale	3-7	305	21,215	3 4	729
Future	3 10	305	22,363	3 5	774
Ray E McMillen					
Gentle	8 10	305	26,150	3 4	902
Anna	7 8	305	27,940	3 1	879
DeDe	4 8	305	25,840	4 1	1052
Iona	4 4	291	25,524	3 2	814
Rust	3 9	305	26,584	4 0	1057
Audrey	3 2	290	24,436	3 5	853
Jon	2 0	305	17,502	3 8	662
Nevin G Rice					
129	7 10	305	20 789	3 9	812
134	7 8	305	23,675	3 6	841
212	5 2	291	22,245	3 8	851
246	4 0	305	21,180	4.2	897
307	2-6	305	17,596	3.7	652
309	2-5	305	17,956	3 9	696
Lyons Brothers					
Ruby	7 1	305	20,451	3 6	741
Esther	3-2	305	17,561	4 1	720
Max Reapsome					
162	3-4	302	20,080	3 6	716
143	4-2	305	17,424	4.0	692
165	3 2	305	21,473	4.1	879
168	3-2	305	18,550	3.8	700
William E. Martin & Sons					
238	5-7	298	21,492	3.5	746
327	4-5	297	18,849	4 5	846
326	4-5	275	19,028	3.7	701
339	4-3	300	18,757	3.7	697
407	3-3	305	19,227	3.8	734
422	3-0	305	20,185	3.6	732
403	3-4	305	20,210	3.4	693
486	2-2	305	17,555	3 9	679
501	2-0	305	15,789	4.2	657
Mt. Home Farm					
194	11-0	305	16,993	4.0	680
254	9-0	305	19,977	4.2	837
255	9-1	305	15,161	4.5	676
260	8 2	305	20,502	3.6	739
294	6-8	305	18,965	3.5	670
352	5 7	305	18,705	3.8	706
357	5-4	305	19,651	4.4	865
367	5-3	305	18,263	4.3	779
354	5-7	305	17,276	4.2	728
431	4-0	305	18,326	3 8	694
451	3-4	305	16,865	4.1	697
491	2-6	305	20,182	3.8	757
447	3-7	305	17,932	3 7	669
482	2 11	305	21,452	3 1	658
Donald Dum					
Missy	12.4	305	21,403	3 6	776
Kendi	4-5	305	20,420	3 6	742
Sweetie	4-0	305	18,685	4 0	754
Belle	3-0	305	20,661	3 6	752
Benjamin E. Dum					
Anna	8-3	305	22,886	3 5	804
Polly	3-1	305	22,445	3 5	794
Sibil	1-10	305	17,680	3 8	668
Gleam	2 1	305	16,967	3 9	655
Dumbelle Farm					
Ivan	3 4	305	18,802	4 0	748
Frank Rice					
Big T	4 6	305	24,688	3 5	869
Dean Loy & Son					
Nanny	7 3	305	18,698	3 6	676
King	3 11	259	17,344	3.8	651
Chris	2 1	305	20,360	3 3	666
Ray L Kling					
Rich	9-6	305	23,168	4 2	965
Kate	8 0	305	21,939	3 5	761
Kitty	5-4	305	16,518	4.5	741
Joan	3 3	305	21,185	3.1	666
Richard Maurer					
Agnes	3-4	305	16,999	4 7	805
Natalie	3-2	305	19,068	3 8	721
John E. Book					
59	5-5	305	20,968	4.0	847
63	4-9	305	17,479	4 2	726
Clark W. Bower					
Klingy	4-0	305	22,725	3 4	764
Bratton View Farm					
Amy	6-11	305	19,657	4 3	840
Fritzie	6-11	305	23,297	3.6	838
Hefty	5-2	305	23,476	3.2	750
Arabel	3-9	305	15,758	4.5	704
Leah	3-11	305	26,022	3 1	800
Delmar Brotee & Son					
Beau	5-1	305	21,116	3.9	821
margaret	5-2	305	25,172	3.7	926
Angel	4-2	305	25,651	3.4	871
Alma	4-5	305	24,307	3.1	760
Ellen	4-1	305	19,421	4.0	773
Jane	4-6	305	20,167	4.0	816
Ima	4-0	305	19,289	3.5	677
Dorothy	3-5	305	18,185	3.9	703
Marg	3-2	305	23,193	3.4	781
Andra	3-2	303	23,503	3.7	863
Kingpin	2-0	305	19,390	3 7	721
Kenneth R. Benner					
Sheryl	12-1	305	21,185	4.1	865
Mouse	7-5	305	26,184	3.7	960
Stylish	4-3	305	23,037	4.1	950
Sister	4-2	305	26,011	3.4	895
Angie	3-1	305	21,322	3.7	780
Meriam	3-11	305	21,139	3.8	810
Kitten	2-1	305	18,204	3.7	669
Happy	2-1	305	15,713	4 2	660
Oscar & Winnie Campbell					
Jill	6-10	305	21,234	3 4	730
Leroy Heimbaugh					
Spottie	7-2	305	17,268	4 5	782
Kenneth C Morrow					
Tippy	5-1	305	17,295	3.9	679
Blackie	4 3	305	19,338	3.5	668
John O'Toole & Sons					
Betrice	8 1	305	16,443	4 2	686
Zella	6 2	305	19,353	4 1	787

(Turn to Page B27)

Season's Greetings

May the Peace and Joy of Christ fill your hearts during this Christmas Season and throughout the New Year!

Your Custom Grain Roasters

DALE L. SCHNUPP
RD 6, Lebanon, PA

DAVID N. GROFF RD 1, Lewisburg, PA
BOB STULTZ New Paris, Pa.
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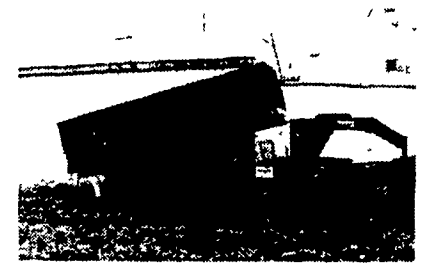
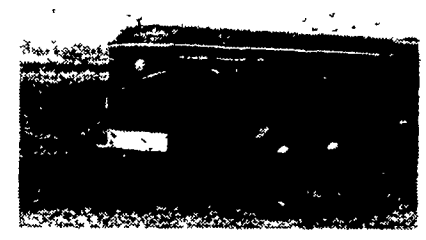
Call 717-768-3832 between 7 a.m. & 9 a.m.
or call 717-354-0723 after 6 p.m. East of New Holland, Pa.



8x16 Dump Trailer
$6595



6x16 Bumper Trailer for horses & cattle $2595

8x20 Gooseneck Flatbed
$3395

We're sending you our best wishes for a very happy holiday! Thanks!

FARMERS AgCREDIT
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9 East Main Street Lititz PA 717 626 4721

May the magic of Christmas fill your souls with wonderful things! Our thanks to one and all!

RYDER SUPPLY CO.

P.O. BOX 219
CHAMBERSBURG, PENNSYLVANIA 17201

Perry Co. DHIA

(Continued from Page B26)

Martha	5-1	305	22,004	3 5	770
Agrophilor, Inc.					
188	8-11	305	19,638	3.6	711
227	7-7	274	19,665	4.0	786
238	6-10	305	20,520	4 1	849
252	6-3	305	17,801	3.8	680
302	3-2	305	19,387	3 4	650
Melvin S. Weaver					
5	6-4	294	18,572	4.0	745
14	5-11	305	19,172	4.2	797
38	4-4	305	17,650	3 8	669
Perry M. Kretzing					
32	8-1	305	20,913	3 9	818
77	5-3	305	18,878	3 9	729
David H. Weller					
Connie	5-1	305	19,519	3.4	671
Vonnie	4-8	305	20,564	4.1	840
Ronald C. Fauth					
20		305	18,185	3 8	692
Richard Kriebel					
Clover	6-0	305	24,926	3.7	926
Cora	5-3	305	18,360	4 5	843
Cutie	4-6	305	24,472	3.5	853
Harry R Book, Jr					
Tania	7-4	305	18,532	4.2	780
Beauty	6-2	305	19,757	3.6	720
Cecile	5-11	305	19,403	3.9	752
Jam	5-0	305	17,603	3.9	678
Earl E. Krone					
Red	7-1	305	17,743	4.0	708
28	5 1	305	20,044	3.8	754
Daisy	6 3	305	21,205	3 4	712
John Souder					
91	3 8	305	17,662	3 9	695
Hope	3-6	303	17,943	3 8	684
90	3-11	305	21,588	3 5	764
Dean & Eric McMillen					
Amanda	3-1	305	21,007	3 8	792
Edward Horn					
Lou	4-1	279	17,545	3 8	658
Purity	4-0	299	16,104	4.6	737
Richard G Smith					
15	5-1	305	20,837	3 4	699
32	4-3	274	17,518	3 8	674
Fred & Nancy Neely					
Cricket	10-2	305	20,344	3 5	703
Mary	6-0	305	20,503	3 7	749
HotShot	4-7	305	20,710	3 5	725
Beth	3-7	305	20 778	3.6	754
Clarence S Martin					
32	7-0	305	23,584	3 8	900
99	6-3	305	21,604	3 5	761
98	5-3	305	21,953	3.2	700
33	5-8	305	19,747	3 4	671
6	4-2	305	24,128	2 9	698
Duane L Hertzler					
Dineh	6-10	286	20,094	3 5	705
Vernon B. Burkholder					
Poppy	8-2	305	22,558	3 3	743
James F Bolze					
14	7-1	305	21,846	3 6	794
22	3-1	305	20,963	3.6	749
Ed & Wilma McMillen					
Minnie	4-5	305	19,654	3 7	722
John L King					
Corn Ann		305	23,247	3 7	861
Edith		305	18,207	3 9	704
Dale Smoker					
16	4-5	299	24,130	3 5	848
46	9 1	305	19,667	3 8	742
51	4 5	305	16,376	4.2	693
52	4-5	305	21,498	3 6	767
Philip E Brubaker					
69	7-2	305	20,785	4 2	867
50	4-2	296	23,617	3 5	817
59	3-1	305	21,163	3 2	673
Edwin L Sheibley					
Queen	6 5	305	25,116	3 2	799
Snowball	6 1	305	21,156	3 4	728
Lucy	6 2	296	17,958	3 7	673
LuLu	4 5	305	22,127	3 1	692
Little BJ	3 2	305	21,039	3 5	728
Samuel L McComsey					
Peg	5 10	305	17,901	4 0	709
Arthur E Dum, Jr					
Mindy	3 8	299	16,812	4 1	687
San-Rae Farms					
Rosie	5 1	305	16,367	4 9	803
Lady	2 8	305	19,978	3 4	683
R Jack Crozier					
Penny	5 11	305	20,398	3 9	801
Becky	7 10	305	24,747	3 6	887
Ken & Tina Dishman					
Helene	3-1	305	17,646	4 3	758
Elaine	7 3	286	16,625	3 9	650
Robert & Bernice Gabel					
Bettie	7-4	305	21,381	4 2	905
Lolipop	4-3	305	21,117	3 9	834
Jane	3 3	305	18,260	3 9	718
James M Palm					
Belle	10-0	305	17,538	3 7	651
Dina	8 8	264	15,243	4 4	665
37	6 11	300	20,621	3 6	738
53	5 1	294	19,198	3 5	664
52	3-2	305	21,339	3 1	651
62	3-7	305	20,163	3 6	716
89	2 0	305	17,015	3 9	661
M W Smith Farms					
Corty	6-2	305	18,564	3 5	657
Sharon	4 4	305	23,267	3 7	866
Marge	2 0	305	16,111	4 1	657

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On barn siding painting - temperature and timing are factors as well as penetrating kind of quality for adhesion are helpful guides for long lasting under average conditions of siding type and age

I will share helpful guidelines on roof maintenance of steel roofs by brushing on the prime time

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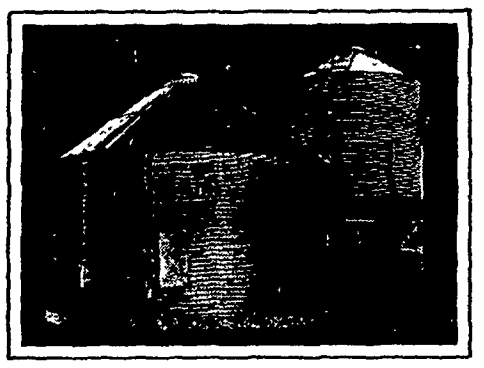

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Brockett's Ag Advice

By John E. Brockett
Farm Management Agent
Lewistown Extension Office

Tax Planning

Should I borrow money to save taxes? This is a question that is asked directly or indirectly quite often. The borrowed money may be for new equipment, supplies, or to pay year end bills. The answer is fairly complex. Usually I have to start by saying "it depends." And it does depend on (a) the tax bracket of the taxpayer, (b) the interest rate on the loan, and (c) the length of time for the loan.

Tax Bracket

If no taxes are due, it would be foolish to borrow money to increase expenses. It would be better to shift those expenses into the next year. However suppose you have a taxable income (after all deductions) of $20,000, you would have an income tax due of $5260 plus $440 for the state.

An additional expense of $1000 would save $412 worth of taxes. If you borrowed that $1000 at an interest rate of 12 percent for 1 year, the net savings would be $292. Obviously a good deal if you put the $292 to good use. Invested at 8 percent, it would return nearly $25 extra in that year making a potential gain of $317.If you only had to borrow the money for one or two months the gain would be greater.

Suppose you decided to purchase a capital item instead of purchasing that $1000 worth of fertilizer. Would it still pay? Let's look at that example. To get the $1000 income reduction, you would have to buy equipment for $6667. This would give you a tax savings of $1079 ($412 taxes from depreciation and $667 from investment credit). Interest cost for one year would be $800 if rates were 12 percent. Net savings would be the same if the loan was paid back in one year.

Now suppose you only had a $8000 taxable income what would the savings be on the same transaction? Taxes would be $1380 for the federal and $176 for the state. An additional expense of $1000 would save $220 federal and $22 state tax. If you borrowed the $1000 for one year at 12 percent interest, net savings would be $122.

Interest Rate

As interest rates increase, net savings decrease. For example an interest rate of 18 percent reduces the net savings by $60 for each $1000 borrowed. In like manner, as rates decline, net savings increase.

Length of Loan

The big tax savings occur in the first year. Loans carried over into the second year soon begin to erode the net savings. Example: Item 1 above had a bet savings of $292 if the loan was paid off in one year. If it was carried for 2 years, the net savings would become $129 (Tax savings in year 1 of $412, in year 2 of $190 - because of interest - less a total interest charge of $464). Example: at the reduced tax bracket, used previously the net savings becomes a minus $120.

Warning

Anyone borrowing money to save taxes should only proceed if (1) they know their tax bracket, (2) they realize that savings this year could be wiped out next year, (3) they can pay it back in one year or less, and (4) they understand what they're doing. It is not something to be done without adequate counsel.

Give Eggs a Break

Blessings...

Every Christmas candle beams the light of the Star that shone over Bethlehem the night when Christ was born May the holy, blessed meaning of that Birth be reflected in this Christmas season, for you

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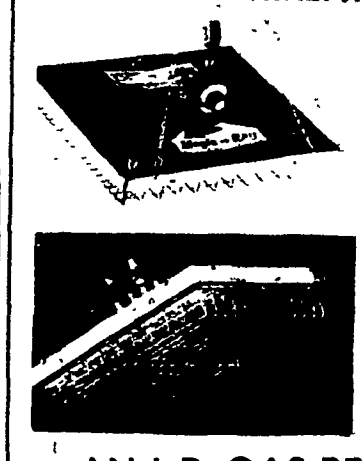

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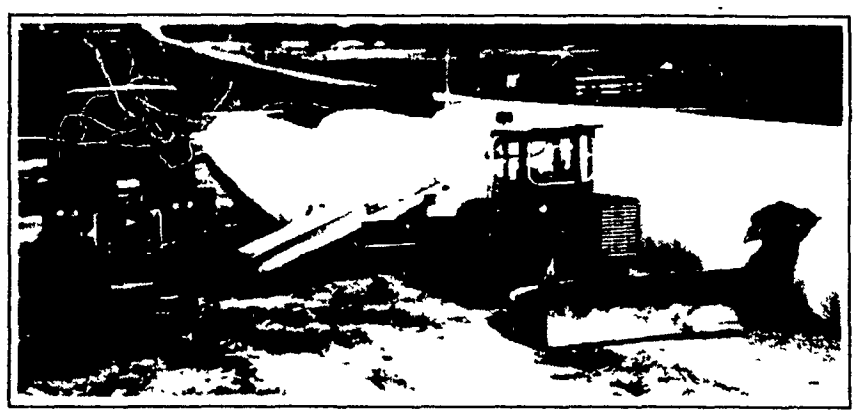

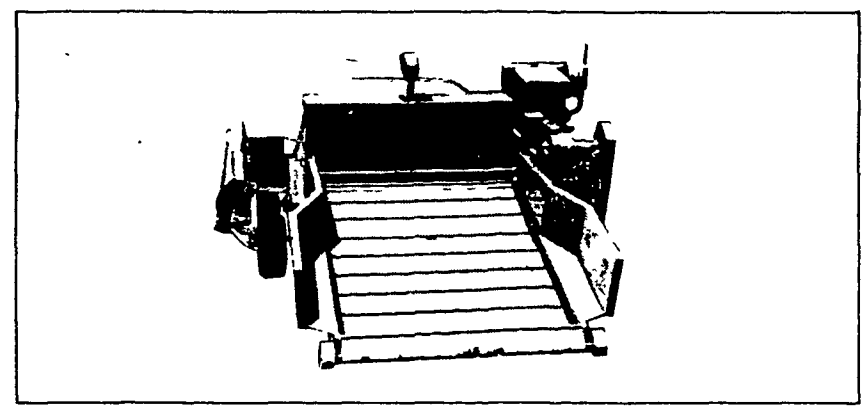

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8. NO unloader to break down
9. Extra income and potential from custom bagging
10. THE Forage System for the 80's

JUST LISTEN TO WHAT THESE AG-BAG BELIEVERS HAVE TO SAY:

Kenneth Popham of Floresville, Texas

Kenneth runs a 465 cow Dairy and said this about AG-BAG: "At today's interest rates you can't afford any other type of storage . . . Even with the yearly cost of bags it's still inexpensive storage . . . a whole lot cheaper than building barns and hiring help. I put up 13 bags last year and after seeing the results, I'll put up 25 bags this year. The bags are a good thing."

Don Carter of Parkdale, Oregon

"The best move I ever made" . . . says Don Carter in reference to his switch to bagging silage on his dairy near Parkdale, Oregon.

"I get 18% more feed from the same acreage and the feed lasts three times as long. I used to clean my bunks after three days, now I only need to clean them after 10 days."

Roland Rasmussen of Blair, Nebraska

"In addition to everything else, it's a management tool" . says rancher, Roland Rasmussen of Blair, Nebraska.

Roland farms 350 acres west of Blair, Nebraska, and fattens about 650 cattle from 600 lbs. to finish

"By labeling every bag as to date and kind of feed, I can mix my feeds and eliminate the guess work in making a ration I feed alfalfa silage, corn silage and ground ear corn stored exclusively in the bags, purchasing only my minerals and vitamin supplements"

"The AG-BAG system has enabled me to increase carrying capacity per acre at a reduced cost of gain."

Bert Anderson of Sceptre, Saskatchewan

"At least 30% more feed . . I can guarantee at least that" says rancher, Bert Anderson, of Sceptre, Saskatchewan

"I've been able to cut my grain feeding costs in half since converting to the bagging It's just like feeding grass I've also eliminated the need for a liquid supplement that we always fed before going to the AG-BAG System . ."

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6 BAGS	900 TONS
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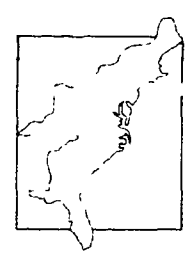

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Rep. Walker, Secretary Block examine dairy deduction

WASHINGTON, D.C. — Congressman Bob Walker (R-Pa.), last week, participated in a meeting with Secretary of Agriculture John Block to discuss the USDA's recently levied 50-cent per hundredweight assessment on milk.

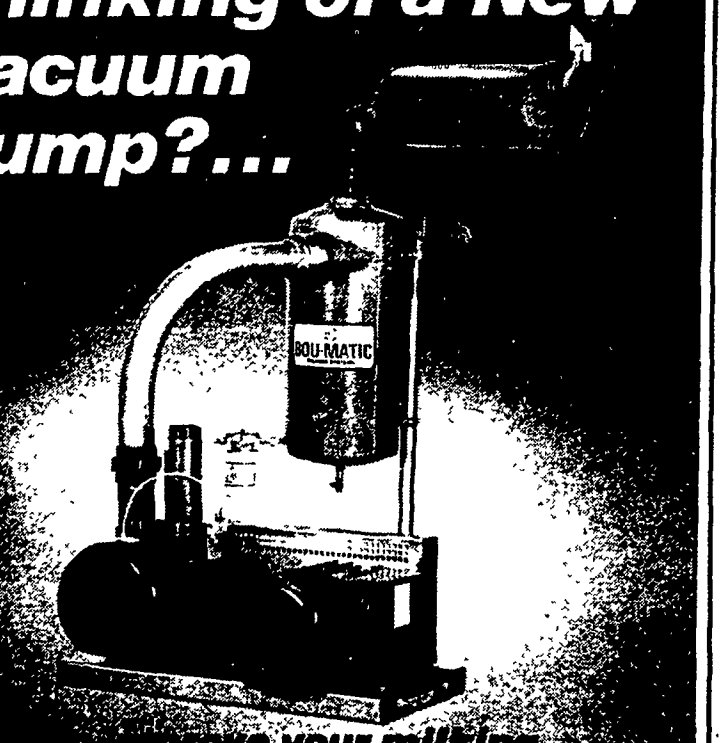
Walker expressed his concern to the Secretary the assessment will penalize Pennsylvania dairy farmers who have not been major contributors to the dairy over-production problem which the assessment is designed to correct.

At the meeting, Walker suggested to the Secretary that a better alternative might be to explore the imposition of penalties only within the milk marketing areas which are actually responsible for the overproduction of milk that must be purchased by the government.

"Dairy farmers in areas such as ours in the 16th Congressional District who are not producing milk beyond what the market is able to consume should not, in my opinion, be penalized," Walker said. In addition, Congressman Walker expressed his concern to the Secretary that the overall effect of the present policy would be a loss of markets to Pennsylvania farmers because the policy would be a loss of markets to Pennsylvania farmers because the policy would be a loss of markets to Pennsylvania farmers because the policy encourages the shipment of surplus Midwestern milk into the Northeast to meet consumer demand.

Secretary Block has requested a follow-up meeting scheduled for early January to consider the merits of Walker's suggestion, as well as those offered by other Congressmen at attendance at the session.

Thinking of a New Vacuum Pump?...



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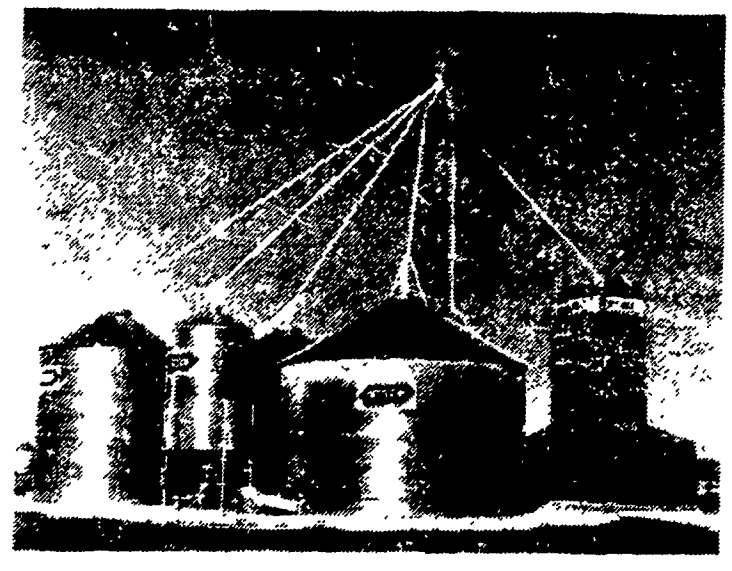

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Berks County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

November, 1982

OWNER NAME or NO.	BRD	AGE CALVING	DAYS IN MILK	MILK LBS.	FAT LBS.	
C & T Kissling	3	67 8	85 4	20,882	823	198
Heindel Fms Inc	3	28 1	87 3	20,199	795	630
Stephen J. Janos	3	32 8	89.6	20,912	778	175
Plushanski Fms	3	109 8	86 6	20,912	771	195
Mertz Brothers	B3	47 0	84.7	19,979	730	136
Reu Hel Fms Inc	3	46.3	87.4	19,433	693	235
Junge Farms	3	60 6	87 5	18,635	685	605
Mark A Wolfskill	3	93.5	83.4	19,396	682	231
C. Stricker	B3	57.6	87 3	18,470	680	102
& R Wolfskill	B3	47.2	85 7	18,364	677	472
Ray E. Bicksler	3	46.5	89 1	17,197	662	156
Zahncroft Farm	3	49.2	85 8	18,086	660	100
G S Troutman Jr	B3	66.4	89.1	18,424	657	157
R. & Ken Sanner	B3	70.7	86 7	18,131	656	123
David L. Schrack	B3	103.8	86 3	16,269	653	207
Roger S Buch	3	48.2	84.5	18,112	653	161
K. H. Wenger	B3	70.5	85.9	18,503	651	180
Robert E. Kopfer	B3	44.7	89.8	18,059	647	588
Bendy Brook Farm	3	51.2	84.5	18,692	644	606
R. A. Bleiler	B3	56.6	87.2	18,853	644	174
Yost Brothers	B3	112.8	88.5	18,031	643	165
Donald B. Duncan	B3	102.9	84.7	16,252	642	164
Good Bros.	B3	64.4	88.2	17,839	638	171
Glenn R. Harnish	B3	80.8	87.1	17,630	635	172
Clarence B. Kulp	3	68.5	86.3	17,181	633	103
Irvin G. Weaver	G3	47.5	83.8	17,668	633	162
Lynnacres	3	135.4	88.8	16,944	632	159
Wilmer Dreibelbis	3	52.4	87.7	17,254	631	160
William Howerter	3	87.9	87.2	16,815	631	158
George E. Moyer	3	90.5	85.7	16,478	630	157
Leroy E. Howard	3	138.6	89.7	17,363	629	155
Heindel Fms Inc	1	23 3	84 6	15,451	629	505
Mervin Brubaker	B3	68 3	85 6	17,450	628	175
Fred J. Walters	B3	67 9	85 6	16,880	626	167
Arlan Krick	B3	68 3	89 3	16,309	624	133
B L Burkholder	B3	47 4	83 2	17,401	617	114
Larry L Mertz	B3	88 5	89 9	17,102	617	111
Don Aloan	B3	42 9	84 3	16,247	617	148
William C Adams	3	93 0	88 9	15,538	616	135
George Schuler	3	56 3	81 6	16,970	614	140
L G Stoltzfus	3	35 2	92 0	18 281	614	150
Glenn B Gockley	B3	36 4	87 7	16,857	614	101
F M. Brown Sons	B3	94 2	88 2	18,011	613	203
Show Top Farms	3	146 4	88 9	16 708	613	174
R. B. Burkholder	B3	41 1	86.2	16,808	612	174
Daview Farm	3	56 1	84 0	16,575	612	177
H C. Krill Jr	B3	51 6	90 4	16,535	611	149
Roy Hoppes	B3	38.8	86.2	16,069	610	98
Raymond B. Nolt	B3	77 2	86 8	16,876	609	147
D J Williams	G3	39 9	84 7	16,464	607	151
Richard W. Hoppes	3	58 1	87 3	16,243	607	134
Swatara Dairy Fm	3	83 7	81 6	15,040	604	148
Kenneth Zook	B3	44 8	85 5	18,570	604	166
E D Leatherman	B3	65 0	87 5	17,056	604	153
Scattered Acres	B3	141 6	81 9	16,718	603	94
Frank G Gromlich	3	59 7	86 5	15,767	603	126
R R Troutman	B3	107 8	85 4	17,505	602	200
A D Stoltzfus	3	151 1	84 1	16,787	600	144
Vista Grande Farm	3	84 1	85.5	16,654	599	148
Mat Mar Fms Inc	3	85 7	87 0	16,301	596	139
Ontelynn Acres	B3	111 9	84 6	15,450	595	153
Alton Rohrbach	B3	45 1	87 6	15,898	594	140
Retland Farm	3	48.1	88 2	16,337	594	131
Ronald L Richard	3	46 2	86 7	16,551	592	182
Udder Valley Fm	B3	71 7	87 8	15,986	592	144
Ker Min Farms	3	77 3	88 3	16,316	592	142
Martin Moyer	B3	50.9	80 9	15,607	590	130
Paul B Martin	B3	54.2	85 7	17,174	589	195
Pinnacle Vw Dairy	B3	49.5	87 0	16,053	589	146
Ernest O. Miller	B3	192.0	83 9	16,209	587	164
R L. Sattazahn	B3	103.6	86 4	16,263	587	135
Linden Loch Hols	3	56.4	86 2	15,643	587	126
Charles W. Lamm	B3	91.5	86 6	15,853	586	193
M. J. Stutzman	B3	57.5	91 8	15,125	586	154
Ernest C. Hoffman	3	54.1	88 5	16,246	581	157
Robert Bowman	B3	43.7	83 0	16,085	581	187
Wilmer Hurst	B8	48.1	82 8	14,559	580	133
Harold Schuler	3	41.2	79 8	16,137	579	122
Raymond A. Seidel	3	36 0	84 7	15,973	578	141
Jaimore Farm	B3	76 4	84 2	14,805	578	90
D Burkholder	G3	88 5	87 0	15,614	578	140
Lawrence Kieffer	B3	71 0	85 9	17,446	577	157
Way Har Farms	B3	113 5	86 1	16,629	575	177
Harvy M Weaver	G3	49 2	83 3	15,630	575	111
Ray W Seidel	B3	35 4	85 5	15,338	574	129
Pine Brook Farm	3	99 1	84 1	14,945	574	146
H Fenstermaker	3	35 1	85 0	14 682	572	154
William Mitchell	G3	30 9	89 4	16,009	571	134
Win Dale Farm	8	45 7	88 4	11 515	571	441
Lewis Nolt	B3	58 5	86 4	15,329	571	140
C C Sattazahn	B3	91 5	88 9	16,460	569	151
B & K Grimes	B3	87 4	86 2	14,398	568	184
R C Dreisbach	4	76 0	84 4	12,762	566	479
W M Balthaser	B3	71 2	84 9	15,428	566	144
P & T Werley Jr	B3	100 0	86 0	15,158	565	124
Lester Burkholder	B3	91 7	86 5	15,638	564	144
Blue Mtn Acdmy	B3	120 1	86 8	16 691	564	167
C E Hollenbach	2	56 3	81 0	12,617	563	127
Robert Yanos	G3	60 6	86 9	15,166	562	144
Vernon G Good	B3	40 9	88 1	16,039	562	129
Hylark Farm	3	80 9	86 1	14,976	562	143
Leon Sensenig	B3	55 5	84 2	15,587	561	152
Russell H. Haas	G3	52 4	87 6	15,811	560	175
Arlan D Davis	B3	29 1	85 5	15,619	559	145
Merlin J Grube	B3	37 0	89 0	14 621	558	141
Glenn E Hoffman	B3	42 6	85 9	15,344	557	142
David Y Knauer	B3	53 7	83 8	15,320	556	181
Herb Top Farms	B8	26 6	85 4	14,595	555	153
Harold Dietrich	B8	39 4	84 6	14,955	554	129
W Dreisbelbis Jr	B3	53 1	83 6	17,143	554	181
R H Hoffman	B3	46 7	86 1	14,550	553	111
Lynn E Stoudt	B3	57 6	80 7	16,221	553	163
Alfred E Schmidt	3	55 8	88 9	15,267	553	163
Bruce Cammauf	B3	20 0	74 1	15,493	552	163
Teen Chal Farm	B3	107 5	87 6	14,442	551	93
Floyd Kurtz	B3	43 6	84 4	16,454	550	148

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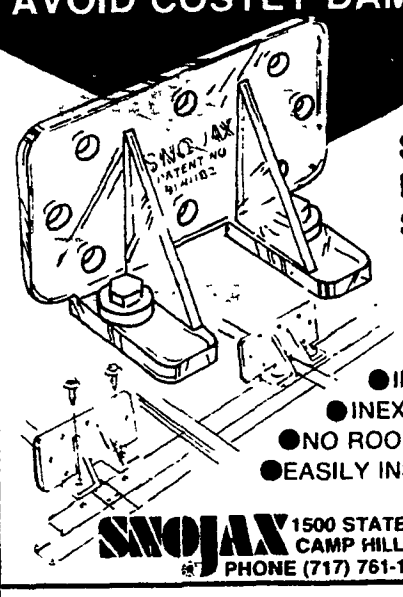

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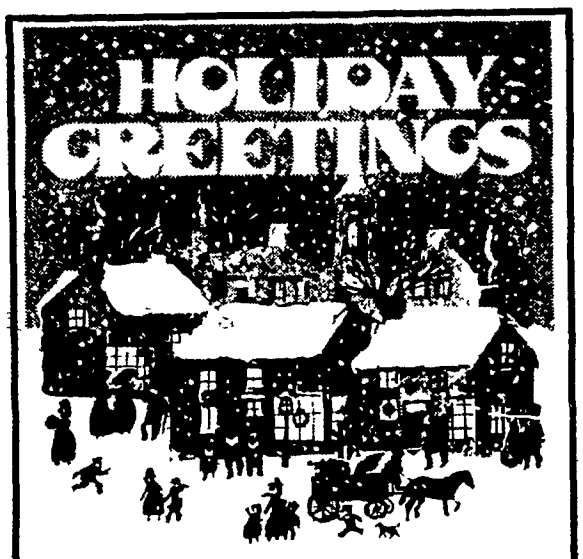

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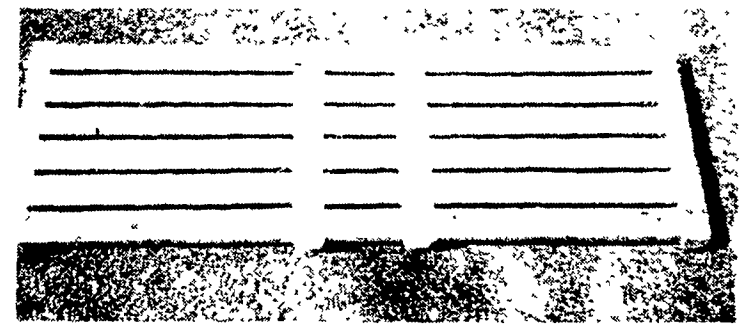

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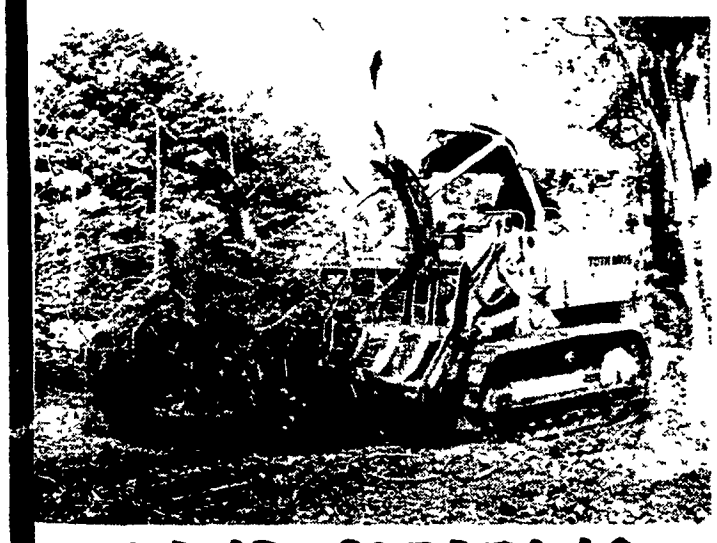

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Potash (K_2O) Potassium Hydroxide

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Dauphin County DHIA Monthly Report

dhia — Pennsylvania Dairy Herd Improvement Association

November, 1982

OWNER	BREED	NO. COWS	LBS. MILK	LBS. FAT	
Restful Acres	H	85 9	20,811	736	213
John Hertzler	H	76 6	18,392	701	184
Robert J Schaffer	H	60 2	17,707	649	139
[illegible] Farms	H	119 6	17,291	639	172
Roy M [illegible]baker	H	68 3	18,553	639	149
J Melvin Brandt	H	67 6	16,761	637	126
Larry L Boyer	H	24 1	16,995	631	150
John Roy Book	H	66 1	17,840	629	159
Robert H Beach, Jr	H	45 3	16,851	629	540
Earl Campbell	H	54 6	15,874	629	152
Wil-Lene Farms	H	62 6	17,725	626	163
Crissinger Dairy Farm	H	81 5	16,466	617	148
Calvin B Mauser	G	69 1	13,244	614	483
Lytle Farms Inc	H	101 8	16,899	607	145
Elwillo Farms	MB	120 9	16,222	601	153
Roy C Wilbert	H	31 0	16,571	601	185
Dale F Faust	H	33.9	16,498	589	164
Wilmer Campbell	G	62 9	12,785	579	133
Harold M Nissley	H	45.3	17,111	577	161
Conewago Farms	H	47 6	15,552	577	190
J Richard Alwine	H	53 9	15,536	573	130
Mahlon L Lehman	H	54 5	15,500	567	143
Donald Engle	H	62 1	15,626	567	107
Arthur Brandt	H	102 6	15,038	557	90
Stoney Lawn Farms	H	57 7	15,476	553	139
James Lesher	H	41 7	14,978	553	137
Robert Oellig	H	39 0	14,267	543	84
Paul E Clugston	H	95 7	14,224	540	119
Sher Mar Acres	H	39 9	14,715	539	158
Walter Schaffer	H	36.0	13,076	533	81
Oel-Dell Farms	H	43.7	14,744	532	126
Lauden Farms	H	165.4	14,487	525	129
Great View Farms	H	54.8	15,532	524	149
A Grand View	H	98.1	14,851	521	127
Bryncoed Farm	J	135.6	10,804	519	421
Floyd Feidt	MB	69 5	13,499	515	125
Homer Campbell	H	84.0	13,578	511	136

OWNER NAME OR NO.	AGE	LBS. MILK	% FAT	LBS. FAT
John Hertzler				
Audrey	6 4	19,050	4.0	762
Penny	5 4	17,273	4 2	724
Ritzi	4-7	19,148	4 5	862
Winnie	4 4	20,670	4 4	906
Arletta	4-2	24,480	3 4	841
Jessica	3-8	18,406	3.4	632
Anita	3-5	19,894	4 1	812
Candi	2 3	15,129	4 1	617
Conewago Farms				
GR-22	4 2	14,809	4 5	660
GR-30A	2 1	15,980	3 9	625
Earl E Keeler				
Pansy	7 1	18,188	4 2	765
Duck	4-8	14,977	4 0	600
Pearl	8 3	19,303	4 3	827
Ethel	7 4	21,301	3 2	680
Floss	4-3	21,744	3 4	737
Lynett	4 2	20,848	3 3	688
John Roy Book				
Shirley	10 6	19,280	3 3	635
Floyd Feidt				
Rainy	7-9	15,862	4.0	641
Mahlon L Lehman				
Posey	6 10	17,849	3 8	682
Jenny	5-3	17,876	3 4	614
Harold M. Nissley				
Alicia	3-10	24,575	3 3	803
R. Own Dairy Inc.				
73	5-0	18,752	3 8	708
Catalpa Farms				
Eve	7-0	22,384	3 3	739
Charity	6-4	17,607	4 0	697
Flo	6-1	25,248	3 7	928
Effie	5-8	20,579	3 5	711
9	4-11	17,542	3.8	668
Hillary	4-9	17,880	4.0	710
116	4-0	18,367	3 6	662
124	3-10	18,013	4.1	732
154	3-1	16,066	3.9	621
150	3-1	15,874	4.1	652
160	2-11	15,169	4 3	659
215	1-11	15,494	4.2	654
Restful Acres				
Natalie	7-3	21,137	3 0	644
Spark	5-4	27,358	3 8	1045
Karen	4-3	20,996	3 3	703
Direct	5-5	18,831	3 6	685
Maria	1-11	22,310	3 1	697
Nuts	2-0	23,621	3 5	822
Robert H Beach, Jr				
123	5-5	20,175	3 4	689
151	3-11	20,380	3 5	714
Julie 10	7-2	24,199	3.5	853
Lucky 6	5-9	18,583	3 7	693
196	3-2	20,436	3.5	721
197	3-2	20,353	3.3	671
201	3-2	20,303	3.1	622
203	3-11	20,983	3.6	755
Earl Campbell				
138	5 11	16,804	4.2	714
135H	2 11	19,008	4 0	766
Donald Miller Deemar				
Y 20	3-7	18,249	3 6	665
James Lesher				
Spot	4-2	17,995	3 4	611
Nancy	2-3	17,050	4.7	794
Robin	3-0	18,053	3.7	672
Oel-Del Farms				
9	6-3	14,873	4 1	615
Amos Esh				
3	0 00	17,877	3 4	610
Dale F Faust				
47	7-2	18,963	4.2	787
14	3-9	17,837	3 4	605
15	3-9	17,693	3.6	631

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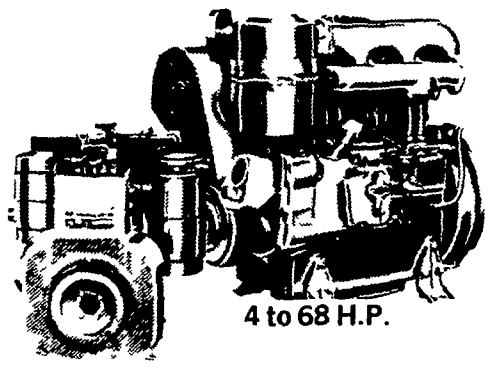

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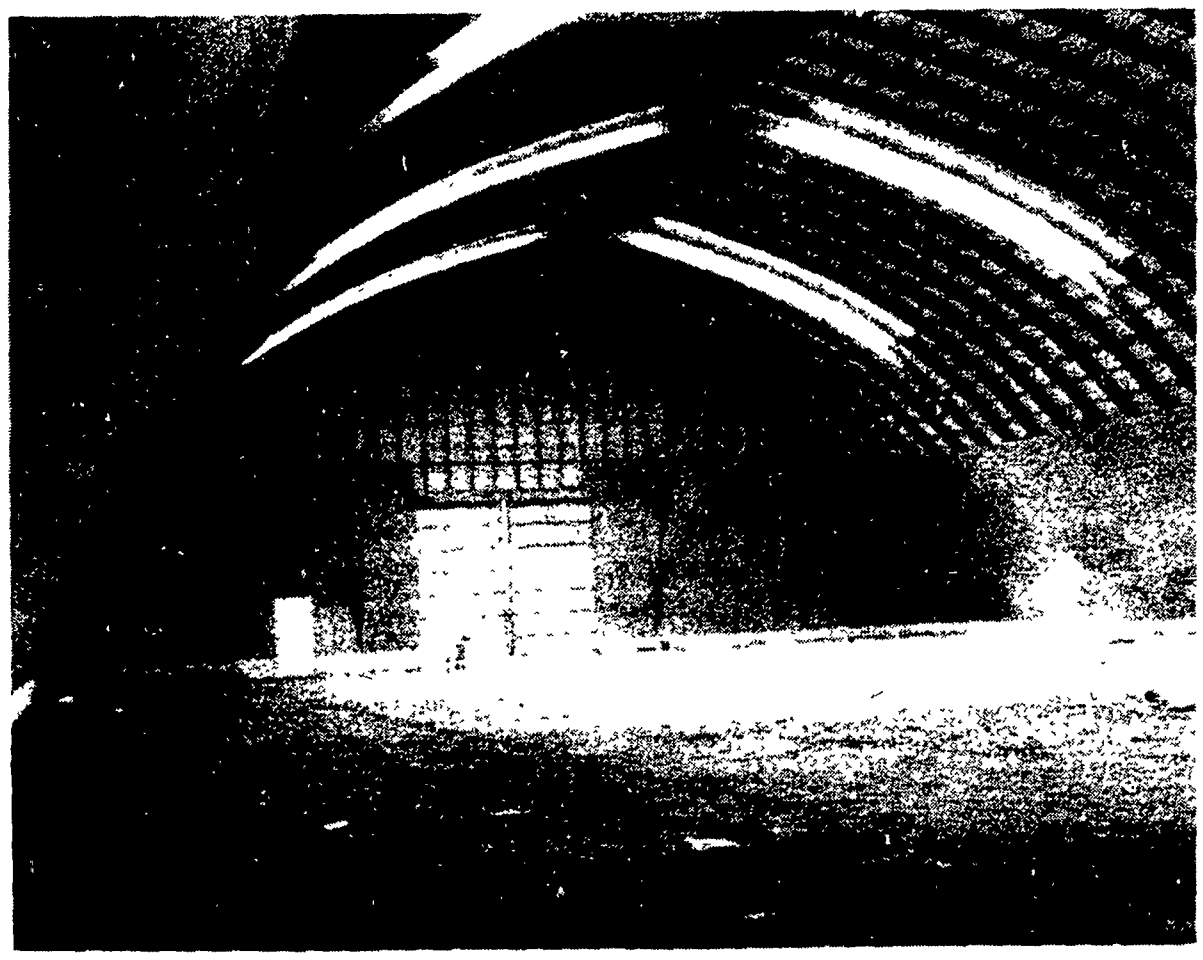

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Montgomery County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

OCTOBER, 1982

OWNER	BREED	NO. COWS	% DAYS IN MILK	% FAT	LBS FAT
J Harold Keener	B3	48 0	54.3	1 7	1 9
Daniel E Kolb	B3	52 0	51.4	1 5	1 9
Lalisa Holsteins	3	37 2	49 5	1.5	1 8
Alvin D Delp & Son	B3	48 0	52.3	1 6	1.8
David P Longacre	B8	98 5	49 7	1 5	1 7
Paul W Weaver & Sons	B3	74.9	49 7	1 6	1 7
E N Halteman & Son	B3	57 0	41 6	1.4	1 7
Kathleen Kopistecki	8	2 0	43 7	1 4	1 7
Lalisa Holsteins	3	41 4	43 1	1 4	1 7

All Cows 750 pounds of butterfat or more:

OWNER NAME OR NUMBER	BREED	AGE	DAYS IN MILK	LBS. MILK	LBS. FAT
Correctional Industries					
5939	H	6-2	305	19909	775
069	H	5-8	305	19246	792
E Jay Renninger					
57C	H	6-11	305	25152	886
106D	H	3-4	288	22617	886
33C	H	2-10	287	21295	784
Charles Rhoads					
Leslie	H	5-3	305	23351	818
Elva	H	5-5	305	21919	780
Norristown State Farm					
RR24	H	5-9	305	18503	802
George Seneko, Jr					
Sandy	H	7-9	305	20096	763
Beauty	H	7-4	305	22673	752
Sugar	H	6-1	305	22774	822
Sweetie	H	3-2	305	24743	923
Sunny	H	2-7	305	19105	774
Ada	H	6-2	305	18720	756
Harold K Halteman					
Tina	H	7-9	305	27894	911
Gwen	H	5 5	305	18873	766
Merrill G Ruth					
48	H	6 10	305	21310	781
E H. Halteman & Son					
Ida	H	5-3	305	16850	769
Sandra	H	5-3	305	21777	912
Lilly	H	3-1	305	22126	751
Donald O Kriebel					
69	H	7 6	305	21066	798
Gehringer Brothers					
Minn	H	3-2	305	19128	781
Andrew Schertel					
Ginger	H	6-0	305	20194	839
David P Longacre					
Prilly	H	8-10	305	21139	842
Bernice	H	6-8	305	22708	805
Ruthie	H	7-0	305	20766	837
paul W. Weaver & Sons					
274	H	4-8	305	26106	1006
W B Saul High School					
Michele	H	5-3	305	21233	785
Roy S Kolb & SOns					
45E	H	10-4	301	19573	802
59F	H	9-3	305	25088	937
10	H	5 6	305	18736	870
Daniel E Kolb					
51G	H	8-0	305	24523	972
47H	H	7-0	305	23038	807
Gordon D Holl					
Sara	H	7 10	305	19265	753
Robert A Hewitt					
Shortie	H	9-1	305	20022	902
85	H	4-11	293	21541	750
James Guntz					
20	H	9 1	305	20628	787
George Bisbort					
148	H	6-1	305	18758	806
118A	H	6 2	305	22311	764
143A	H	4 5	305	19009	865
Walebe Holstein					
Flecias	H	7 5	305	23292	770
Lalisa Holsteins					
10	H	7 0	305	24607	962

What a humbling experience it must have been some 2,000 years ago when Christ, our Lord, was born in a lowly manger in Bethlehem.

It is with a deep sense of thankfulness at this most blessed time of our Christian year that all of your friends that work for Beacon Feeds along with all of our Beacon dealers would like to extend to you and your families best wishes for a

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"Happy New Year"

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RAY BRANAS
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RICHARD B. KENDIG
Special Accounts Representative
Phone 302-478-3058

American Angus Assn. to celebrate 100th birthday

ST. JOSEPH, Mo. — A year-long celebration of the 100th anniversary of the founding of the American Angus Association begins in January 1983, reports Richard Spader, executive vice president of the national beef registry association in St. Joseph, Missouri.

Four special events are planned to highlight the year, Spader said. The first will be the Centennial National Angus Show, and the Centennial Angus Sale Jan. 14 and 15 in Denver, Colorado in conjunction with the National Western Stock Show. The celebration will end with the 100th Annual Meeting of the Association, Nov. 14, in Louisville, Kentucky.

In between these opening and closing events will be the Centennial National Junior Angus Show and Showmanship Contest, July 20, 21 and 22 at the Iowa State Fairgrounds in Des Moines, and the Angus Association birthday celebration Sept. 15-17 in St. Joseph, Missouri.

The birthday celebration will include a conference program, tours of the American Angus Association headquarters, an Angus art show, a meeting of the World Aberdeen Angus Secretariat with representatives from all over the world, a recognition of Centennial Angus herds that have been in continuous production of registered Angus cattle for 50 years or more, plus entertainment and an abundance of Angus beef.

State Angus associations in 1983 will locate and honor the long time Angus herds within their borders. "Historic" certificates will be awarded to those herds that have been producing registered Angus cattle continuously for 25 through 49 years. "Centennial" herd awards will go to owners of registered herds that have been in continuous production for 50 years or more. In addition state and local Angus associations will sponsor a variety of other Centennial activities, Spader said.

The American Aberdeen-Angus Breeders' Association was organized at a general meeting of Angus breeders and owners in Chicago, Illinois on Nov. 21, 1883. The first president was William T. Holt owner of Holt Live Stock Co., Denver, Colorado, and the first secretary was Charles Gudgel, a cattle breeder and importer from Pleasant Hill, Missouri.

The first offices of the Association were in Gudgel's home. Five years later business had grown to the point that Gudgel couldn't handle it and Thomas McFarlane, Iowa City, Iowa was elected secretary. At first the offices were in McFarlane's home but later were moved to Harvey, Illinois. In 1902 the headquarters moved to the Purebred Livestock Records Building in the Chicago Stock Yards where they remained until 1956.

McFarlane, served until 1907 and was succeeded by Charles Gray who came from the Galloway Association to the Aberdeen-Angus Breeders' Association. Gray served until 1925. W.H. Tomhave, a professor of animal husbandry at Purdue University served the longest tenure as secretary, he retired in 1946. Tomhave was replaced by Frank Richards who served until 1963. The Association headquarters were moved to their first permanent home at 3201 Frederick Blvd., in St. Joseph, Missouri, on June, 1956.

Glen Bratcher, a native of Oklahoma and professor of animal husbandry succeeded Richards and served until his untimely death in October 1968. Lloyd Miller, the Association's director of public relations since 1946 was elected the 7th secretary in 1968 and retired in 1978. He was followed by C.K. Allen, a native of Virginia.

Allen was replaced in 1981 by the present executive officer, Richard Spader, a South Dakota native, who went to work in the Association's public relations department in 1969 and later was director of performance programs.

The one millionth registration was not added to U.S. Angus book until 1947, some 64 years after the Association's founding. However at the beginning of 1983 the Association will have recorded almost 10.5 millin animals. Virtually all the growth in the Angus business come after World War II, when the demand for quality beef virtually exploded.

The American Angus Association was the first major beef breed association in the world to offer it's breeders a performance records program. The Angus Herd Improvement Records program was organized in 1958.

The first computer to handle the ever increasing workload of the Association was installed in 1962.

There are more than 24,000 active adult members and 7,000 active junior members of the American Angus Association, Spader said.

NFO sees CCC stocks fall when MW price rises

LOUISVILLE, Ky. — Dairy farmers attending commodity meetings at the annual convention here of National Farmers Organization were shown how NFO raised the Minnesota-Wisconsin Series monthly-average price for milk and told how a continuation of that effort will reduce the flow of dairy products into government stocks.

"By raising the MW series prices, the dairy plant that is presently selling to the government will have to play a higher price for milk in order to obtain a supply," said Al Scott, director of the NFO dairy department.

"That will make it less profitable for those producing strictly for the government," Scott said.

The MW series price is determined by averaging the price paid for milk by a number of predetermined plants in Minnesota and Wisconsin.

In late September and October, NFO put into action a plan to raise that price series, Scott said, and in October — for the first time in a year — the series price rose above that month in the previous year.

"This proves that it can be done," Scott said. "At this convention we must make plans so that we are able to continue that upward trend in dairy prices.

"The result will be that plants selling to the government will have to bid up the price for milk, because we have a demand from our customers who are making specialty cheese that the government doesn't purchase."

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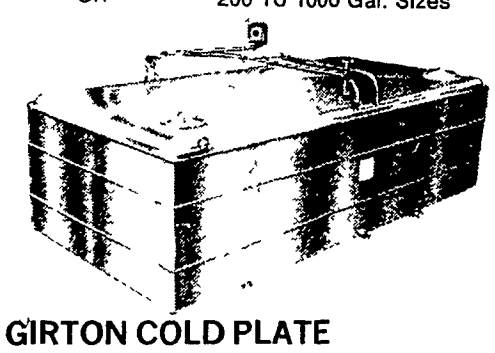

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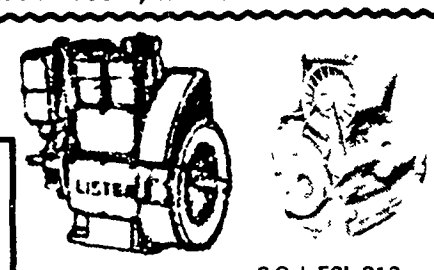

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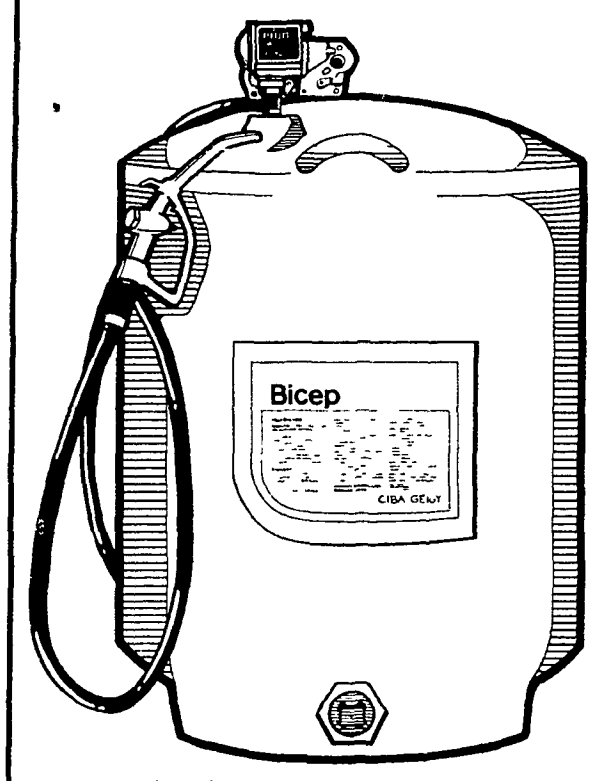

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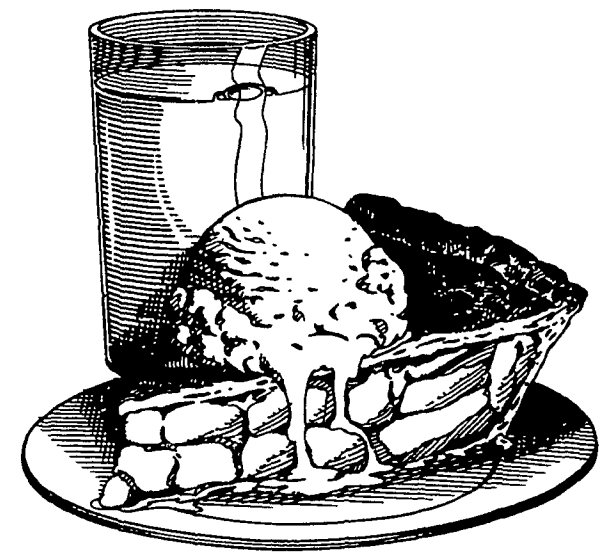

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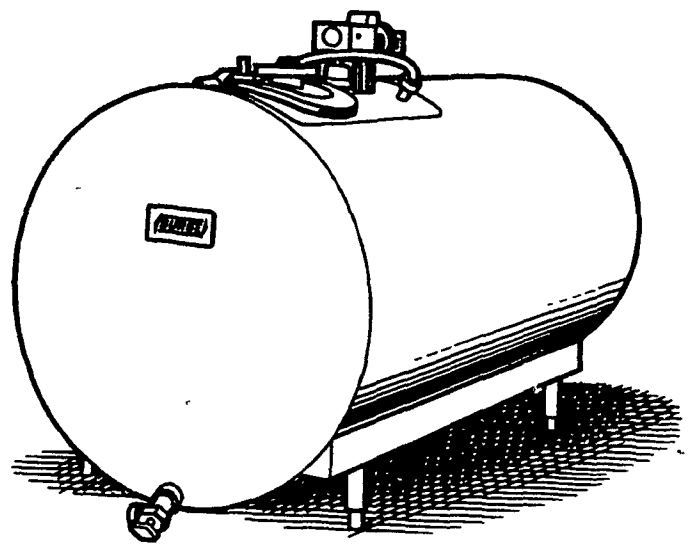

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The Milk Check

TOM JURCHAK
County Agent

NMPF Program

After listening all week during the National Milk Producers Federation convention, to the information from the speakers in addition to the advice and suggestions of the members, the Federation directors did not try to decide on a price support program but rather they laid out the framework for one that would be adopted later.

The principles required in a price support program must include — lower production; reduce government inventories; increase demand; be acceptable to Congress, the administration and the Federation members; and it must maintain the parity concept. These are the goals for a plan to be developed and submitted to the Federation that represents through member organizations, over 80 percent of the national milk production.

Admittedly, some organizations may have to change the positions that they took in the past but unity among member and non-member organizations would be critical to success. This would be especially true if the program included anything beyond a simple cut in the support price which seems to be the only approach favored by the administration.

FIRST DEDUCTION

All the machinery has been set in motion to collect the deduction of 50 cents a hundred from the farm price of milk starting with December shipments. Field representatives from the auditor's staff of the Federal market administrators were out in the milksheds December 1 looking for handlers who were buying milk from producers but not marketing it under federal orders.

They talked to anyone and everyone to make certain they got the word to all handlers that they were required to make the deductions before they paid the farmers. This includes producer-dealers and juggers.

They also explained the 50-cent deduction comes out of the check first before any authorized payments by the handler made directly to creditors on behalf of the farmer. The only chance left that the deduction will not be made when the producer checks are written in January will have to come from a hearing held on December 14 when a federal judge will hear arguments challenging the legality of the plan.

The Bright Side

After all the nasty things that have been said about the 50-cent deduction I think it's about time to consider some of the good things about it - now that we have it. One thing for sure - of all the different ideas being considered when Congress picked this one it was the least expensive to producers. All the other ideas would have cost producers anywhere from 85 cents to $2.00 a hundred.

Besides, of all the other programs, the 50-cent deduction will have the greatest impact on reducing government costs - a very sensitive political point. It's estimated that it would take a $2.50 cut in the support price to give the same effect in net costs as the 50-cent deduction assuming no increase in production.

In addition, it's the least expensive to administer so nearly all the money will be used for cost cutting and, best of all (in some opinions) it keeps the parity concept alive. All of these reasons may do nothing to ease the pain of losing 50-cents a hundred on your January milk check but it's the best I can do in an effort to cheer you up for the holiday season.

Merry Christmas.

Ram lamb test nominations open Jan. 1

STATE COLLEGE — Nominations will be accepted from Jan. 1 until March 31 for the 1983 Ram Lamb test, conducted here at the Pennsylvania Meat Animal Evaluation Center. The program is sponsored by the Pennsylania Department of Agriculture in cooperation with the Department of Dairy and Animal Science at Penn State, the Pennsylvania Sheep and Wool Growers' Association and the state breed associations.

The purpose of the ram lamb test, according to Robert Kimble, manager, is: to provide a genetically sound testing program for both the large and small sheep producer; to promote performance testing of sheep in Pennsylvania and to serve as an educational method to acquaint producers with its overall value; to provide a common test for evaluating rate of gain, structural soundness, muscularity, condition, and estimated carcass merit; and to provide an opportunity for purebred breeders and commercial producers to purchase performance tested rams which have been evaluated in part under similar, unbiased, environmental conditions.

For more information and entry forms, contact Robert Kimble at the Meat Animal Evaluation Center, 651 Fox Hollow Road, State College, PA 16801; telephone 814/238-2527.

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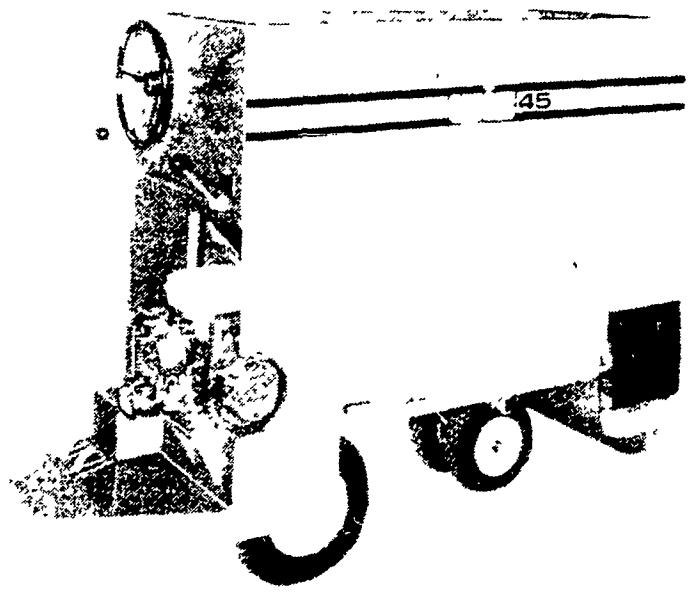

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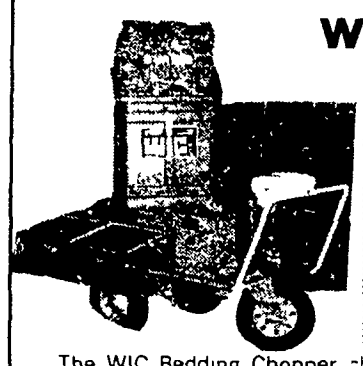

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Farm Talk

Jerry Webb

Renewed interest

The idea of turning farm crops into fuel has intrigued a lot of folks recently, especially when American motorists were suffering through gas lines and record high fuel prices. From a consumer point of view that interest has ebbed somewhat, but it was never more on the minds of farmers than it is right now as they face disastrous crop incomes.

Extremely low cash prices for the nation's corn crop are causing farmers to wonder if there isn't something they can do besides feed it to livestock. And therein lies the interest in gasohol and all of the other fuel uses that have been proposed, imagined, even tested.

For a while there were gas pumps at many stations with illustrations of ears of corn and the term "gasohol" in big letters. But they've just about disappeared. A general lowering of fuel prices apparently forced the gasohol pumps right out of business. And while motorists were receptive to the idea, they weren't willing to pay a little more for a product that was generally understood to be a better product.

There's no doubt that gasohol can be produced and that large sums of U.S. grain could be turned into alcohol for use in that way. But for a number of reasons, it just isn't happening.

If you think the idea of mixing alcohol and gasoline for motor fuel is a new one, forget it. It's been around almost forever. And if you don't think old problems keep reoccurring, consider this statement from the Congressional Record of Jan. 28, 1935:

"We must alter our internal economy by processing surplus farm crops into alcohol to be mixed with gasoline in the proportion of 10 percent. We will be able to establish a balanced agriculture, a balanced industry, and preserve for ourselves the greatest market in all the world — namely the market in our land for our own people. It is a kind of diversification through which we can preserve an internal prosperity and rid ourselves of a dangerous dependence on other nations."

That statement came from Illinois Senator Everett Dirksen almost 50 years ago in the midst of the very worst of times for farmers. Had we followed his advice we might not be in the mess we're in now — both energy wise and farm production wise.

Sad to say, American farmers have been promised a booming market for their output for so many years and it's just never materialized. Oh sure, there were a few boom years here and there, but there have been so many bust years that farmers have forgotten about the few good ones. They do remember the promises and the hope of new markets, new opportunities, of all-out agricultural production and the prosperity that would go with it. And yet, here they are again with a record crop, a tremendous surplus, crop prices below the cost of production for a number of major commodities, and a dependence on a world market that just isn't materializing.

Secretary of Agriculture John Block is telling our foreign competitors to knock off the government subsidies and allow American farm produce to compete on an even footing. But that's not going to happen. Those countries that are subsidizing their agriculture are doing so for their own good internal reasons. They're not about to cut it out to suit a U.S. secretary of agriculture or to save some brankrupt American farmers.

President Reagan says we won't use agricultural embargoes as a weapon. But do foreign buyers really believe him? No doubt the messing around that has been done with our foreign customers over the past several years has had a serious impact on our export market.

The people who study export markets seem to think dependability is the watchword. Japan used to be heavily dependent on the U.S. for soybeans, and then somebody got the bright idea to have an embargo. That scared the Japanese government nearly to death, so they went out and found some other sources and they've been using them ever since. We still have a market in Japan, but not the market we should have and by no means not the total market that could have been ours.

While America may seem a fickle supplier in the world market, it must also be remembered that the world market is a fickle customer. American farmers who are counting on that world market to bail them out face some difficult prospects. Besides gum beating, there's very little we can do to force those countries to take our produce. We're not the only country with corn and soybeans to sell, and our prices aren't always the best.

So don't expect the world to be our salvation. Instead, it seems to me we must look to ways within this country to utilize our agricultural abundance. Alcohol production seems to be the most obvious and the easiest answer. Why it hasn't worked in more than 50 years of advocacy is a mystery to me, and why with long-term prospects of severe fuel shortages we aren't doing more with gasohol is amazing. It is time for some national efforts aimed at bringing America's farm surpluses and fuel shortages together toward a common solution.

Berks holds annual tree sale

LEESPORT — The 9th Annual Tree Seedling Sale conducted by the Berks County Conservation District is now underway.

The District is offering a wide variety of quality stock tree seedlings at a low price for the promotion and encouragement of aesthetic and environmental improvement.

Pre-paid orders will be taken during January, February and March with the deadline for orders being March 31, 1983.

The pickup dates are Friday, April 22 and Saturday, April 23. Trees will be picked up at the Agricultural Center across from Berks Heim.

Varieties being offered this year are: Austrian pine, Colorado blue spruce, Douglas fir, Scotch pine, white pine, arborvitae, black locust, hemlock, red maple, silver maple, white birch and blue rug juniper (ground cover).

The tree sale is open to everyone and there are no planting restrictions, use restrictions or quality limitations.

To receive an order form, call the Berks Conservation District at 215/372-4655.

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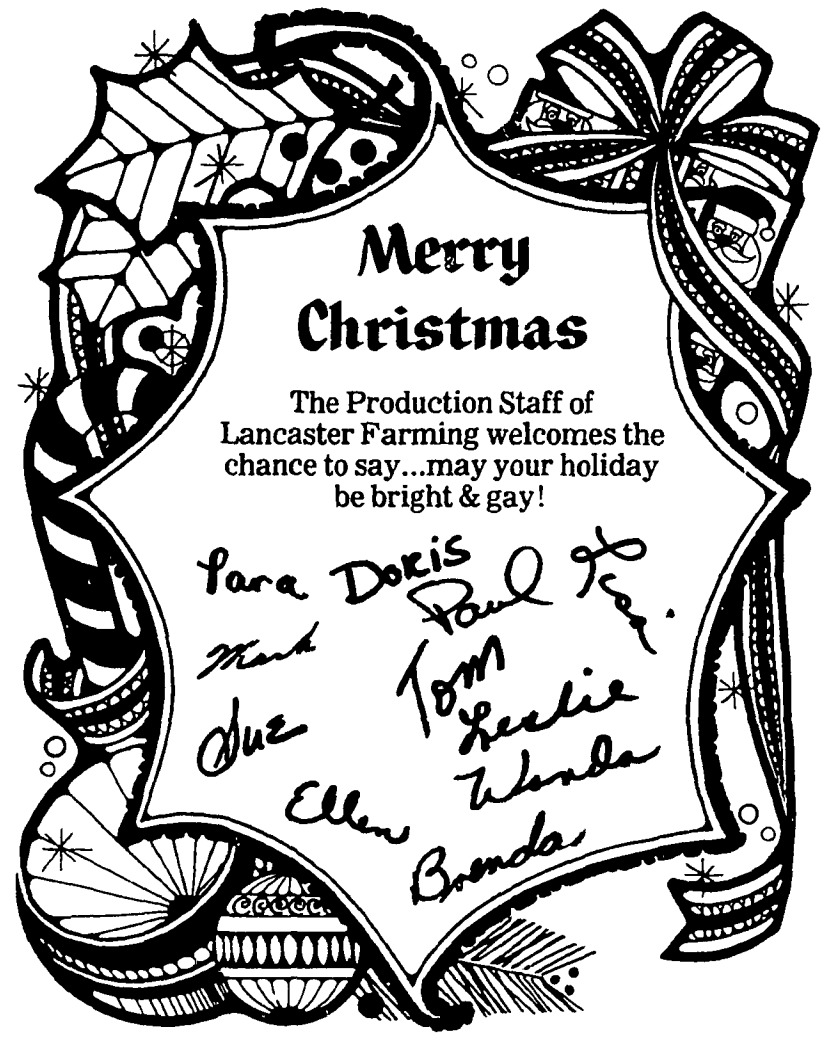

MILK MARKET NEWS

Federal Order 2
November Milk collects $13.71

Dairy farmers who supplied milk plants regulated under the New York-New Jersey marketing orders during November will be paid on the basis of a uniform price of $13.71 per hundredweight. Market Administrator Thomas A. Wilson stated that the price was $13.81 in October 1982 and $13.74 in November 1981. The uniform price is a marketwide weighted average of the value of farm milk used for fluid and manufactured dairy products.

The seasonal incentive fund returned $2,604,764.05 to the dairy farmers' uniform price for November, or $.305 per hundredweight. The fund was generated by reducing the uniform price to producers during the high-production spring months.

A total of 17,411 dairy farmers supplied the New York-New Jersey Milk Marketing Area with 854,550,923 pounds of milk during November 1982. This was an increase of 2.8 percent (about 23 million pounds) from last year. The gross value to dairy farmers for milk deliveries was $120,060,584.51. This included differentials required to be paid to dairy farmers but not voluntary premiums or deductions authorized by the farmer.

Regulated milk dealers used 383,684,537 pounds of milk for Class I, 44.9 percent of the total. For November 1982, handlers paid $14.71 per hundredweight (31.6 cents per quart) for Class I milk, the same as a year ago.

The balance, 55.1 percent, was used to manufacture Class II products including butter, cheese, ice cream and yogurt. Handlers paid $12.62 for this milk.

The uniform price is based on milk containing 3.5 percent butterfat. For November 1982, a differential of 17.0 cents was applied to the price for each one-tenth of one percent that the milk tested above or below the 3.5 percent standard.

All prices quoted are for bulk tank milk received within the 201-210 mile zone from New York City.

Federal Order 4
Base milk rises 6 cents

Middle Atlantic Order Market Administrator Joseph D. Shine announced a November 1982 base milk price of $13.93 per hundredweight and an excess milk price of $12.50. The weighted average November price was $13.95 and the butterfat differential for the month was 17.0 cents.

The base milk price was up 6 cents from October and was the same as last November. The advertising withholding rate, which is deducted from the base and excess milk prices but not the weighted average price, was 14 cents a hundredweight in November 1982 compared with 13 cents last year.

A total of $684.4 thousand was withheld for advertising in November. The gross value of producer milk during November was $68.1 million, compared with $65.8 million a year earlier.

Shine said producer milk receipts totaled 488.9 million pounds during November, an increase of 15.4 million pounds or more than 3 percent from a year earlier. A total of 7,091 producers were shipping to Order 4 pool handlers in November, a decrease of 21 from a year ago.

The average daily delivery per producer was 2,298 pounds during the month, an increase of 79 pounds or 3.6 percent from last November. Class I producer milk totaled 243.8 million pounds and was up almost 10 million pounds from a year ago.

The Class I utilization percentage was 49.87 in November, up slightly from 49.45 percent last year. Base milk accounted for 91.60 percent of total producer milk receipts. The average butterfat test of producer milk during November was 3.75 percent compared with 3.67 percent in October and 3.79 last November.

Middle Atlantic Order pool handlers reported Class I in-area milk sales of 203.4 million pounds during November, a decline of 0.7 percent from a year ago, after adjustment to eliminate variation due to calendar composition.

Va. is bovine TB free

WARRENTON, Va. — Virginia has been recognized as the 21st state to become free of bovine tuberculosis, a U.S Department of Agriculture veterinarian said last week.

John K. Atwell, deputy administrator of USDA's Animal and Plant Health Inspection Service, commended Virginia Commissioner of Agriculture S. Mason Carbaugh at a meeting of the state board of agriculture and consumer services last Wed. in Warrenton.

"Virginia's consistently strong tuberculosis testing program and diligent investigation have exemplified your commitment to eradication of this disease," Atwell said. He presented Carbaugh with a certificate recognizing the state as tuberculosis-free.

Atwell said Virginia has enacted a livestock dealer law that requires complete recordkeeping. This enables state and federal veterinarians to trace many types of infection back to source herds, he said.

Virginia's last confirmed tuberculosis outbreak was eliminated in December 1974, with the slaughter of an infected herd in Loudoun county. A quarantine was released from a previously infected herd in Frederick county in 1976, after removal of all TB reactor animals and repeated negative tests of the remainder of the herd.

Atwell said Virginia has ranked in the top third of states in testing for tuberculosis. A total of 41,350 cattle in 5,920 herds were tested during fiscal year 1981.

"Tuberculosis is an insidious disease with a delayed incubation," Atwell said. "It could spread readily were it not for the cooperative state-federal tuberculosis eradication program, which Virginia has supported so well."

Other states that have been formally recognized as free of bovine tuberculosis are Arizona, Colorado, Connecticut, Maine, Maryland, Michigan, Carolina, North Dakota, Rhode Island, South Carolina, Utah, Vermont, Wisconsin, Wyoming and the U.S. Virgin Islands.

Wayne Co. holds pesticide recertification meeting

HONESDALE — A pesticide recertification update will be held Wednesday, Jan. 5 at 8 p.m. in the Extension Meeting Room, Wayne County Court House, Honesdale.

Persons holding recent 1982 expired licenses or licenses about to expire within the upcoming year are urged to attend the training session.

Pesticide licenses are issued by the Pa. Dept. of Agriculture and are valid for 3 years. The recertification meeting renews three more years to the holder's license.

License applications are available at the Wayne Country Extension Office. For further information call 717/253-5970 ext. 114.

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Let's worship together on this holiest of holidays! Thanks to all!

TERRE HILL SILO CO. INC.

Serving The Farm Community For Over One-Half Century

TERRE HILL, PA. 17581

MAILBOX MARKET

Wanted - Used silo unloader for an 18ft. silo call 215-682-6276.

Wanted - Open center steel wheels. 33 inch attachment centers. Anywhere from 54 to 64 inches higher. 717-532-3055. Franklin Co.

For Sale - Blue Heeler puppies - (Australian Cattledogs), purebred, great workers and companions, Starlight Farms, RD1, Salem, N.J. 08079, 609-935-2893.

For Sale - Reg. Shropshire ram and ewe lambs for the progressive breeders who wants to improve their flock 717-949-3653 Leb Co.

Wanted - 6 cylinder, JXC Hercules engine, running or repairable cond. Cumb. Co 717-243-0690.

For Sale - Boxer Puppy A.K C Reg Female Cumb. Co 717-423-6620.

For Sale - 40 foot milk precooler, wood stove for 30" logs Ph 717-865-3655 anytime.

For Sale - Bred Beef cows - Hereford or Angus - Bred Chianina $700 ea , Call after 8.00 p.m. ask for Bill Fales 201-637-6335.

For Sale - Farrowing crates, ten palco freestall type portable like new $90 ea. buyer takes all. Cecil Co MD 301-398-4313.

For Sale - Black Columbian kitchen range. Luke L. Martin, 717-733-0653, Lanc. Co.

Wanted - Mulch Hay — Peanut Hulls, cost plus trucking, Pine Grove 717-345-4020.

For Sale - Welsh sorrel yearling Pony $100 - Pony cart $100 - Pony Harness $75 Very nice Mo-Ped $350 717-569-5150 Lanc. Co.

For Sale - 3 female Fox Terrier pups $35 ea. Lanc. Co. 717-859-3920.

For Sale - Jamison meat box door (wooden) (38¼ x 76¼) Toldeo Grinder & cube steak mach York Co. 717-927-6429

Wanted - Low cost hammer mill for shredding leaves Also carrot washer Lanc Co 717-733-6698

For Sale - Reg bull calf - sire SWD Valiant Dams records to 31000M - 1130 F Wic bedding chopper. Lanc Co Ph 717-442-4316

For Sale AKC reg Mastiff female 1½ yrs old Wanted - JD 14" frogs or wrecked plow with good bottoms Lanc Co 717-354-5060

For Sale - New NH 256 hay rake, belgian mare Elam M Esch Jr , 2210 Creek Hill Rd , Lancaster, PA 17610

For Sale - NI manure spreader ground driven spread 190 loads $995 Oliver radex 2 bottom trailer plow on steel wheels 717-354-0266

For Sale - MH 50 tractor Front-end loader Full hydraulics, gas, good rubber, 3 point hook-up, PTO Dauphin Co 717-566-0489

MAILBOX MARKET

For Sale - 1978 Dodge power wagon, 4x4, fiberglass cap, automatic, 19,000 miles, regular gas, $6,900 Bradford Co. 717-537-2897 after one.

For Sale - Gas heater 3 room size w/thermostat, 1 yr. old, never used, still in box, make offer 717-354-5691.

For Sale - 20 36" cabinet fan's, used, most of them floor cabinet Vent-O-Matic, power Shutter, 40 used Brooders Lanc Co. 717-656-8981.

For Sale - Used Cameron wood or coal stove and fog saver Daniel K. Stoltzfus Strasburg RD 1 Box 215B 17579.

Wanted to buy - Used seed potato sizer and cutter also Bean potato grader call 717-354-8894.

For Sale - Perfection model 1231 31,000 BTU kerosene heater 5 gal mounted tank. Sam Stoltzfus Mill Lane Gordonville 2 PA.

Notice - 2 male Beagles and 2 U.K.C. reg female treeing walker coon dogs. All 15 mos. old Lanc Co. 215-267-4400

For Sale - 6 foot 3 pt. disk; 2 bottom 3 pt. plow Both new cond. $295 ea. Chester Co. 215-857-3949.

Wanted - Chevy 5-speed overdrive Trans w/1 1/8 input shaft. 6V-53N w/hogs to fit Allison York Cty. evenings 717-292-4245.

For Sale - Hydraulic Loader for 140 Farmall. Exc. cond. Wanted - cultivators and side dresser for 140. A.A Co. Md. 301-721-1834.

For Sale - 7 yr. old pony broke to drive, with lot of trot. Call 717-656-8916.

For Sale - 212 NI manure spreader $800 Gehl 14' silage wagon $500 NI 31[illegible] corn picker $1000 Ber[illegible] Co. 215-286-5434.

For Sale - D2 Caterpillar w/power takeoff, NH 4 h p. fly wheel type engine & saw on cart; Lanc Co 717-626-5678

For Sale - Mixed hay in 4' wide round bales 700# $75 ton. Trail Behind Woods Rotary Cutter 717-924-3847 Sullivan Co

For Sale - 2 ALU White storm doors 1 new 36 x 80 1 used 36 x 76 w/thermoglass also oil furnace with fixtures 717-354-5360.

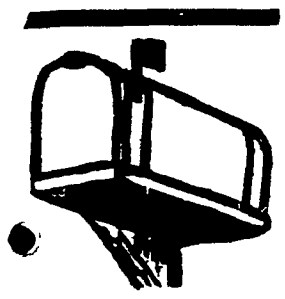
For Sale - Heads, Crankshaft, and misc parts for 8V92 Detroit Diesel. 453 Detroit Diesel w/5 speed overdrive tans Lanc Co 717 733 3890

For Sale - Land - 134 acres near Cooperstown, N Y mostly woods Very secluded $200 per acre 607-829 8739

For Sale - 6 springing holstein heifers $975 215-267-2128

Wanted - Mack Dies[illegible] single axle dumptruck also backhoe diesel Repossessed or take over payments Dauphin Co 717 566 0370

For Sale New or completely rebuilt 10A manure spreaders John Martin, Hahnstown Rd , RD#3 Ephrata, Lanc Co.



FREE

Subscribers to Lancaster Farming will receive one advertisement FREE each month in our Mail Box Market. Subscribers using the Mail Box Market will be governed by the following rules.

Limit your advertisement to 20 words, area code must be added to phone number and, due to repeated requests, please include your county for buyer and seller convenience, all advertisements must be mailed to the office by Tuesday or same will be held over for next week's paper, no business advertisements accepted.

Include your Lancaster Farming mailing label and mail to.

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Lancaster Farming
P O Box 366
Lititz, PA 17543

No Phone Calls Please

MAILBOX MARKET

For Sale - 494 A JD corn planter, good condition, Used tin roofing Samuel K. Stoltzfus RD #1 Box 125 Kirkwood, Pa 17536

For Sale - 40' Taper Board feeder $500.00 5 Suffolk sheep at $70 00 each 717-687 8240

For Sale - Oil furnace in good condition $300 00 or best offer Henry J Yoder Aaronsburg, Pa. 16820

For Sale - 1980 JD liquifire 440 snowmobile (excel cond) 1974 Rupp 440 Nitra $475. Schuylkill Co. 717-648-2047

For Sale - Myers Snow plow - $175.00 or best offer Lanc Pa 717-872-8553

Wanted - Mower deck & Roto -tiller for AC garden tractor Model B-112 Also tractor for parts Ross Huentke Mannington W Va 304-795-4524

For Sale - Two puppies, one purebred AKC Cocker Spaniel $65.00 one cocker spaniel, collie $12.00 both precious 717-486-5908 Cumb. Co

For Sale - 10 sets work harnesses, 10 dolers, 25 bridles, 5 pony bridles, collars set harnesses, lots more. 717-428-1686

For Sale - JD corn sheller #71 with corn drag. Big capacity, good condition $1195. Bucks Co 215-968-2192

For Sale - Small International ground drive manure spreader New floor and paint $400.00 Bucks Co 215-536-7142

For Sale - Fast hitch for Super C, Farmall 200 Excellent - has been disassembled, cleaned and painted. $300.00 Morgantown W VA 304-599-4027

For Sale - Sears best metal utility shed 12x18 overhead door, new in boxes cost $1200. Sell $600 215-643-6577 Mont Co

Wanted - Leaver tie stalls for in dairy barn For Sale - Dairy cow call after 7 00 p m. 301 797-8006 Wash Co MD

For Sale - Potato equipment Elevators, sprayer harvester, washer, grader & bulk boxes 100 lb burlap bags 1 215-767 2234 Lehigh Co

For Sale - or trade - Lombard chain saws, 2.4 cu in. $100, 4 2 cu. in. $130, will trade for hay Chester Co. 215-932-9395

MAILBOX MARKET

For Sale - 75 hp electric motor w/large switch box for high voltage Amos S Blank #1 Gap, Pa 17527

Notice - Free Sheep Dog Mix 4 month old female small Lanc Co 717-768-3547

For Sale - New Idea No 744-N Four row corn head good conditon 717-733-9145 Lanc. Co Must sell Would lie $5,000.

For Sale - 3020 JD tractor, diesel, power shift, good condition, Tioga Co 717-724-3545

For Sale - Glencoe 5 shank soil saver chisel plow $3500, NI 400 rake $300 Chester Co 215-459-4711

For Sale - 22" Frick thrash machine original belts in good shape 8' Int. grain binder Omer S Stoltzfus Madisonburg, Pa. 16852

For Sale - Cider apples, only $1 99 bushel Also, 1979 Ford 350 stake body. 11,000 miles. Exc. cond Lanc Co 717-872-5263

For Sale - International 4 row air corn planter w/new monitor, and liquid and dry fertilizer applicators. Schuylkill Co 717-875-1111

For Sale - 1973 Scamper Class A 24' Motorhome, exc cond. $8900.00 1972 Ford parcel delivery truck $1495 00 Mifflin Co 717-935 5223

For Sale - AC Model G cultivating tractor w/hydraulic lift 4 cyl water-cooled engine $1400 call 717-939-4053

For Sale - Reg Holstein bulls, service age & good pedigrees. 717-786-3591 Lanc Co

For Sale - Tobacco bale press w/wooden cross bar at top, $85 Elam Lauver, 177 Meadow Valley, Rd , Ephrata, Pa 717-733-8269

For Sale 5 yr old Standardbred driving horse w/papers, $750. Emanuel G Zook, R1 Box 252A, Kinzers, PA 17535

For Sale - Attention Young Riders. Showy Youth 13" Tex Tan Imperial Saddle, $200. See at H and H Tack, Annville, Pa.

For Sale - 1 pair team housing, New 19 in leather collars, team back pads, riding bridle Franklin Co 717-264-2990

For Sale - Farmall M in good cond., US Farm System bedding chopper, high grade Penn Star bull Chester Co. 215-932-8999

Wanted - 1 or 2 bottom plow for JD M tractor Earl Williams, 1641 S Olden Ave., Trenton, NJ 08610.

For Sale - Alfalfa brome hay, leafy, no rain $115/ton. Mixed clover hay $100/ton. Snyder Co. 717-837-0265.

For Sale - Butcher furnace for two kettles w/lids, doors, draft ring, flue 717-374-9198 before 8 a m or after 9 p.m

For Sale - JD 3x14 plow 3 pt. hitch, good cond , extra shares and moldboard, $375. Harford Co 301-557-8407.

For Sale - 4-Ideal farrowing stalls w/feeders, Int #530 PTO, 145 bu. manure spreader, like new. Berks Co 215-488-7217

For Sale - Oliver 1800, needs repairs and Oliver 1650. Both have wide front ends and hydropower, Blair Co 814-793-2976.

For Sale - Reg. Simmental polled bull sired by Renz. Also seven breed cows due in spring and three heifers, Adams Co 717-334-7565.

For Sale - 2 Reg Heifers due Feb. - March. John L King, Box 42, Green Park, Pa. 17031, Perry Co.

MAILBOX MARKET

For Sale - Farmall M Pulling tractor, 18-4-34 tires, good condition, $1295.00 MM U-302 tractor $1699 00 Indiana Co 412 783-6333

For Sale - 50 acres woodland, some logs, and firewood, secluded good hunting $600 per acre Juniata Co 717-444-2162

Wanted - Rotary mower in good shape for super C FH will trade 7' sickle bar for same evenings 717 933-4082 Berks Co

For Sale 12 bred black faced ewes $65 ea 1 power Cardinal cement w/extra discs $550 Berks Co 215-582-3066

For Sale - Fertilizer spreader, John Blue, 4 ton, stainless, $3500 International 110 semi-mounted, 7 ft. mower. Harford Co 301-557-7139

Notice - Poconos, Bushkill Vicinity. Rent cozy log cabin, sleeps 6, John Bohm, 6 Waverly Rd , Cherry Hill, NJ 08003

For Sale - 1979 Ski-Doo 444 Everest L/C like new Serious inquires only after 5 wk. days anytime weekends 717 789-4422 Perry County

For Sale - Toledo meat band saw $500 00 or best offer Sorghum Molasso $8 00 a gal. Lanc Co. 717-445-5090

For Sale - Farmall C good running condition Best offer 717-837-3826

For Sale - Oats this is nice clean heavy oats you have to see it to believe it $2 50 215-488-6315

Wanted to Rent by pastor and wife - small country house within 50 mile radius of Lanc 717-872-8581. No collect calls

For Sale - 35 ton of good quality hay no rain Sch. co 717-345-4489

For Sale - Snow blower for cub cadet, like new $175 top line dumping staion, line dryer jar Lanc Co 717-627-2189

For Sale - 2 Vacuum pumps - one 4-milker $100 00 and 1-milker $50 00 A 1 condition Montgomery Co 215-539 1073

For Sale - 50' Aluminum Extension ladder $125 00, Shenandoah wood or goal stove $225 00, 1973 Chev C-30 step van. $1850 00 717-872-5393

For Sale - Delaval #9 electric cream separator w/manual, swab wagon, original, finished yellow pine lumber, pull plow Sch Co 717 366 0635

For Sale - 11 yr old Registered Appaloosa mare good trail horse & brood mare. Schuylkill Co 717-366-1161 Call after 4

For Sale - A gas & coal kitchen range 400 bushel of grain sorghum 717-458-5018 Columbia Co

Wanted - 50' or higher windmill w/10' or larger wheel Jake Lengacher Route 2 Mt Pleasant Mills, Pa 17853 Juniata Co

Wante - 14 9-38 tractor tire good or fair tread Leb Co 717-867-2977

For Sale - Solid hand hewn logs from 1798 home 8"x14"x20' logs to build home Fulton Co 717-294-3501 after 6 00 p m

For Sale - Bundy flute with case, just reconditioned, as new, $150 or best offer, Chester Co 215-932-4728

For Sale - Comm meat saw excellent extra saw blades also 3500 watt portable generator almost new 717-253-3498

For Sale - AC HD-4 crawler loader good to very good condition, $6,000 00 Call after 6 p m. Lehigh Co 215-967-3252

For Sale - Almost new 13 shank 3 pt. tool bar cult. $400 and Woods 59 belly mount mower deck $150 301-452-8646.

MAILBOX MARKET

For Sale - Oliver 77 tractor - wide front end Schuylkill Co 717 345 6178.

For Sale - Kitchen Ranges, Room boths-cool/wood type heater William S Martin, New Holland #1 PA Box 387 17557

For Sale - Toro 3½ H P Shredder bagger $125 Metal office desk $35 00 Westinghouse custom 20 dehumidifier $100. 215-539-6489 Montgomery Co

For Sale 9 new stainless steel 3 bushel feeders $120 00 each or $1,000 takes the group Ph 717 933-8828 Leb Co

For Sale 18 Yorkshire Pigs Cumb Co 717-258 3994

For Sale - 9' Brillion Cultipacker 15" wheels with stars between 2" solid shaft exc cond Lanc. Co 717-397-9921 Best offer

Wanted - Used air compressor with 1-2 hp electric motor. Within 50 miles of Morgantown Call 215-445-5378 Lanc. Co

For Sale - Reg Lamancha Dairy Goat, milking, rebred, due April 1, Show Quality w/exc pedigree $125. Md Line Md. 301-343-0026

For Sale Tennessee Walkers Registered mare and gelding, quiet and smooth Money back guarantee 717-248-2120 Mifflin Co

For Sale - Milk Porter Sputnick, good cond , $750 717-786-3591 Lanc Co

MAILBOX MARKET

For Sale Conestoga wood stove used very little fits in fireplace 44" wide 28½" high $600 Chester County 215-444-2923

For Sale Black Monarch coal and wood cook range, good condition 717-354-7294 Lanc Co

For Sale - 12 Volt, Dyna might hydraulic lift pump valve, hose, & coupler $200, or best offer Lanc Co 717 665 6482

For Sale - 251 IH 2 row corn planter, 1 row Briggs & Straton corn planter. After 6 p m. Chester Co 215-696 8985

For Sale 3 yr old ID grade Holstein due 12-16 82 Omar S Kauffman R#2 Box 155 Honey Brook, Pa 19344

For Sale - Manure spreader, pto, good condition $495.00 Stan A. Reith 215-967-5292

Wanted - AC Model B for parts Chester Co 215 932-3040

For Sale - 20 feeder steers 550-700 lb Mixed breeds Also 5 hp shredder, $195 Lehigh Co 215-298-2803

For Sale 30.0 cubic foot frost free freezer asking $200 00, very good cond 215-942-2069 Chester Co

For Sale - Tame Ferrets, Smart, loveable housepets Many colors, great mousers Eats, Meow-mix $60 00 - $75 00 Mini-Lop rabbits $10 00 Franklin 1-717 349-7610

Lancaster Farming
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(Please print)

NAME _____

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CITY _____ COUNTY _____

STATE _____ ZIP CODE _____

MAILBOX MARKET

For Sale - 1969 GMC ¾ ton pickup truck V 6 4 speed 1 owner farm truck 717-272 5798 or 273 2921 Leb Co

For Sale Appaloosa games pony. 5 years 13 1¾ hands Constant blue ribbon winner 4 H and open shows 717-949 3246

For Sale AC G tractor parts new and used blocks, rings, bearings valves etc All parts genuine call Mike 609 771 3664 Mercer Co

For Sale 1956 I H single axle R190-S truck, 23,000 original miles excellent condition 814-647 5392 Potter Co

For Sale JD 1209 Haybine, JD 660 Rake JD 336 Baler/w injector, Bale Wagons Balto Co 301-592-6485

For Sale - Qualified cookstove, good cond can deliver to Lanc. area Jacob M Yoder, RD 1 Box 118, Grantsville, MD 21536.

For Sale - Baled corn stalks, $1 00 Farmall H - New paint $1,250, Farmall C - Fast-hitch till $1,625; Parkton, Balto Co 301-357-8314

REAL ESTATE

90 acre Farm with stone home, shop attached, banked dairy barn, 3 apartments in detached building. Gross rental potential over $20,000 per year, zoned industrial, must be sold, $360,000.00 Call ARA Real Estate at 215-857-2141.

For Rent - 65 acre Grade A dairy farm in Shenandoah Valley, VA, all modern milking and feeding equipment, good and level farm ground w/all tillable. Herd of milking cows available w/farm. Send replies to Lancaster Farming, P.O. Box 366 R-33, Lititz, PA 17543

For Sale - 3½ acres of fenced pasture and barn w/6 stalls. For appointment only 302-284-9327

For rent - complete modern dairy facility in southern Lancaster Co. Cows and machinery could also be available. Contact Don 717-284-4796

Berks Co. Poultry Farm For Sale - 20 to 50 acres available. 35,000 bird layer house on contract, excellent condition. 2 bedroom mobile home or will sell entire 60 acre farm. 215-562-7776

Virginia dairy farm for sale, lease or partnership, 600 acres, 240 free stall Butler building, 12 stall trigon milking parlor, 4000 gal. milk tank, 150 Holstein cows, 75 heifers, 5 silos, farm machinery. Owner wants retirement. 804-696-2003 form 7-10 p.m.

Central New York farm w/riding ring, dog kennel, 50 acres tillable, 70 acres woods, pond, four streams. Restored farm house at roads end Lang Real Estate, 315-696-8018

BAUGHMAN REALTORS - Over 300 acre farm near Stewartstown, new to market, 2 miles road frontage, 275 crop acres, 16 wooded, 69 pasture, 1¼ acre pond, owner financing, Don't Wait! 717/741-4671 or 717/993-2375 (204827)

For Rent - 67 acres near Manheim, approx. 40 tillable, rental $4,800 per year. Send replies to Lancaster Farming, P O. Box 366 R-36, Lititz, PA 17543

CHOICE PERRY COUNTY FARM - 195 total acres, 105 tillable acres. Balance timber and meadow, stream & springs. Buildings excellent! Approximately 2 miles Northwest of New Bloomfield. Call 717-653-1488 for more information.

MAILBOX MARKET

For Sale AKC Shetland Sheepdogs minature collie puppies Daniel B Petersheim Christiana PA RD1 Box 90 along Dam Road

For Sale 1971 Freightliner 350C 13 speed 100x22 AC 5400 mi since overhaul, good shape, jake brake 717 362 9104 Dauphin Co

For Sale 2 cast iron radiators excellent condition 717 354 9127 Lanc Co

For Sale Two male AKC collie puppies sable and white Jonathan S Stoltzfus R#4 Box 40 Honey Brook, Pa 19344

For Sale Saddlebred horse, 6 yrs old, well broke, works in field Emanuel L Esh Narvon #1 17555 Pa

For Sale - 4 Red & White & 5 Black & White holstein heifers Aaron S Fisher, 613 Georgetown Rd Ronks

For Sale - One adult English saddle $125 00 & one child's western saddle (like new) with w/stirrups & bridle Chester Co 215 383 5280

REAL ESTATE

General Farm for sale, Hancocks Brick, NJ. 237 acres, 175 tillable, remodeled two story house, new 42'x72' Morton machinery building, excellent deer and goose hunting, low taxes, $1500 per acre Owner selling. Richard Hinchman 609-935-4179

Newly listed turnkey vineyard and beef operation 40 acres producing grapes with good market. Varieties are Concord, Niagara, Baco, Delaware, Aurora, & Stebel. 3 barns, house, pond 170 acres total. Century 21 Four Seasons, Penn Yan (315) 536-7456

For Rent - Complete veal raising facility, with housing good family opportunity Call manager. 201-832-2905

38½ acre farm Beautifully restored farmhouse, ranch house, bank barn, fencing plus much more. (1490) Snodgrass Realtors Better Homes and Gardens 301-838-9288

180 ACRE DAIRY FARM - 160 tillable acres, 56 cow main barn w/pipeline, 2 silos plus heifer barn to tie 37 head. Intensely cultivated soil has great yields of corn and alfalfa. Excellent remodeled house w/modern kitchen and bath, new septic system and wood/oil heat. $225,000. Century 21, Countryside Realty, Earlville, NY 13332. 315-691-2071

Rent Bradford County dairy, 35 tie stalls, new Patz cleaner, large steel building, 70 acres tillable, 50 acres pasture. 717-569-0381

House for rent for small Christian family, farm background preferred to occassionally help on dairy farm. 4 mi. south of Lancaster. 717-464-2894

FARM-HARFORD CO. - 123 acres. A farmers farm, gently rolling land 85% tillable w/lg 20 yr. old dairy barn-in high state of cultivation, lots of road frtg. would be great for dairy, beef, horses, vineyard Phil Carlton, Piper & Co , 301-667-6100. (16 McD)

19+ acre farm, almost new barn for raising 120 veal calves, all equipment included, green house for hygroponic tomatoes, large welding shop, 8 room house, oil, hot water heat, $105,000. 717-933-8019

Wanted to rent - Dairy farm. Will consider buying cows and machinery, all options considered, prefer parlor. 215-766-7521.

REAL ESTATE

Huntingdon Co. 168 acre crop and beef farm, 100 acres tillable, good soil, well fertilized, 3 bedroom farmhouse, alum. siding, tenant house, lg. bank barn, river frontage, immediate occupancy, under $1,000 an acre. 814-643-4446 eve.

Greenhouses, set up for hydroponic vegetable production 7,800 square feet. Fall crop now in progress. Ranch home on 11.9 acres meadow, stream on property. All for $155,000. 215-384-1157

50 acre farm for sale within Mennonite area. 25 acres in rye, rest could be farmed. Robert Hopkins, owner. Penn Yan, NY 315-536-8092

94 acre hog and tobacco farm in Lancaster Co. Facilities include 100 sow farrow wing unit and tobacco scaffolding for 10 acres of tobacco. Property includes large bank barn, stone dwelling and 85 tillable acres in a high state of cultivation. Financing available. Ask for the Lancaster branch manager, 1-717-291-1855

For Lease - outstanding 330 acre dairy farm in Southern Tier NYS. Harvestore and other silos, 70 cow barn and other buildings. 607-849-6097.

2 Adjoining Farms in Franklin Co.
77 and 105 acres, Amish farms nearby, and 71 acres of woodland
VanCleve Real Estate
717-392-3032

Dairy Farm

320 acre dairy farm with jugging operation, nicely located in N.E. U.S.A. Everything goes. Lock, stock and barrel. For confidential info. call Mr. Long, Stimmel-Graul Realtors, P.O. Box 1883, Allentown, PA 18105

215-434-4878

64 STANCHION DAIRY FARM

284 acres, 160 acres tillable, level for farming, 90 acres woods, 24x70 silo, 2 Agway machine sheds, large shed 120x36' 1,000 gal bulk tank, nice house, $295,000

CENTRE COUNTY

Centre Hall State College 152 acre dairy farm 85 tie stalls Machine shed, Heifer barn Silos, Pipeline Tank, Limestone Soil Stock & equipment can be bought $650,000

BRADFORD COUNTY

Troy, Rt 6, 30'x40' 2½ story block building, ideal for camp, on lot 100'x300'

LANCASTER COUNTY

Bowmansville, 3 bedroom stone and frame house, 2 fireplaces, on 20 acres of woods

EAST END NITTANY VALLEY CLINTON CO.

112 acres general farm, limestone, 60 acres farmed, more can be farmed 28 acres pasture, owner financing $165 000

Donald R. Witwer,
Broker
Ephrata, PA
215-267-7963

REAL ESTATE

Snyder Co., Chapman Twp., 130 acres general farm, approx. 100 acres tillable, 2 story frame dwelling, bank barn, outbuildings. Asking $1,000 per acre or best offer. Must settle estate. 717-374-8333. 215-822-3822

For Sale - Lebanon County Farms, 79 acre hog or beef farm $269,000 - fifty five acre beef farm $179,000 owner financing, a four acre farmette $49,900 ten acres of woodland $25,000 and a 150 acre Berks County farm $205,000. Write for brochure: Nelson Ebersole-Realtor Auctioneer 717-867-4487 Suburban Realty, 30 West Main St., Annville, Pa. 17003

Want to rent farmland for hay production, preferably w/good barn. Call Martin 717-235-2404 evenings.

Southwest Georgia Farms, Dairies and Timberlands. Contact Don Butts, Day Realty, Albany, GA (912) 435-6271

HOLIDAY GREETINGS

New Listing

130 tie stalls in new barn, plus 73 stalls in old barn - double six parlor - two 25x80 Harvestores, one 20x70. Beautiful house with pool. Total of 286 acres limestone soil, priced right with financing available. Also included in this sale is a 2nd set of farm buildings - Large brick farmhouse (remodeled) and huge obsolete dairy barn.

Mr. Buyer: The farm listed above and any other farms on the market can be seen in "living detail" in your living room or office thus saving you many days looking at farms. **Mr. Seller:** You too can take advantage of the above described concept of exposing farms to potential buyers. Both of you need to call today for details of the services our company offers you.

Lancaster County

Modern 46 cow dairy with everything needed for a successful operation. 20x76 - 12x55 - 10x50 silos - 800 gallon bulk tank - heifer barn - tobacco shed - corn barn. 2 story frame house. All on 66 acres of limestone soil. Highly motivated seller.

300 beef and 50,000 broiler setup. A real nice one man operation. Contracts available on beef and broilers.

Dauphin County

220 acre beef and broiler farm with a record corn crop. Huge "antique" brick farmhouse very nicely remodeled. Financing available.

York County

Hog operation - 1200 unit Nebraska setup with manure pit. 40 ton Mix-Mill - grain dryer and additional bank barn. Frame 2 story house in good condition.

Bradford County

192 acre dairy farm w/62 stanchions. 2 story house in good condition.

Huntingdon County

97 acre general farm with huge bank barn, corn barn and silo. Also has brick farmhouse and large frame tenant house. River bottom soil - "45 bushel soybeans." All for only $115,000.

FARM & HOME REAL ESTATE
Smoketown, PA
717-291-2270

Sylvester Baum	Harlan Keener	Mahlon Oberholtzer
Carlisle	Willow Street	Lancaster
717-776-3967	717-464-2669	717 392-1177

Broker-J Irvin Denlinger
717-898-8962

REAL ESTATE

Dairy farm with 6 cow milking parlor, 48 cow free stall barn, heifer barn, 16'x65' Marietta silo with cement bunker spring fed stream running through pasture 119 acres with 85 tillable. Large 4 bedroom house, 2 full baths and attached summer house. 2 full baths and attached summer kitchen, located in the Turbotville, Pa. area. $150,000.00 Call 717-546-2233 or 546-2313

WANTED
Quiet Family Wants 3-10 acres land with small house of 2 bedrooms. Prefer in Lancaster Area. Write House, P.O. Box 2156, Baltimore, Maryland 21203

Beautiful stock farm of 188 acres, full supplement of buildings, approx. 100 fertile, level, tillable acres of farming land and 20 acres woodland, farmhouse included. $205,000. Rita Halverson, realtor, 814-443-4858

REAL ESTATE

HAPPY HOLIDAYS
MERRY CHRISTMAS

NEW LISTING

York Co., stone farm house, good cond., 135 acres, 120 good tillage acres, priced at **$324,900. Loads of road frontage.**

General Farms

Cumberland Co. working dairy farm, in the Newville area. 27 tie stalls, great set-up for a family farm. 85 tillable acres, 126 total acres. Large implement shed, pond, priced to sell at **$198,000.**

Starter dairy farm in a fertile valley, near Mennonite schools and churches, 2 unit home, great beginning farm, Snyder-Juniata Co. area, **$84,900**

Montgomery Co. dairy farm - stone home, 5,000' road frontage, sewer, price **$250,000.**

General Farms

Produce farm off of Route 11 and 15. Brick home, large bank barn, pond & lovely setting. 100 acres, Juniata Co., price reduced to **$130,000.**

York Co. farm, 51 acres, 38 tillable, pond, stream, nice setting, frame home. Price **$145,500.**

Good Soil in York Co. 173 acres, 70 tillable, no buildings. Priced to sell at **$175,000.**

Veal Operation on 14 acres, Mifflin Co., modern ranch home, modern 218 head calf operation or convert barns into hog operation. Priced to sell at **$79,900.**

Farmette Snyder Co. 10 acres, w/frame home, plus barn, priced to sell at only **$45,000**

Danville area, 108 acres of land, 70 tillable, frame home, good soil, owner says sell, priced at only $97,000. Would make a terrific Christmas tree farm

KINGSWAY REALTY
REALTORS
1770 Oregon Pike
Lancaster
Phone: 717-569-8701
or Ephrata 717-733-3344
REALTOR

WIMPLE REALTORS... STATEWIDE FARMS

CENTRAL NEW YORK

EXTRA PRETTY SETTING IN COOPERSTOWN: Reminiscent of a Currier and Ives Calendar This 217 acre dairy has 125 acres of rich tillable loam soils, stream through and pond nestled in tamarack forest Nice working barn has 50 stalls with mats, Madison grain-O-matic plus 3 other silos, cleaner, 5 stall parlor. Attractive 4 bedroom home, 50 Reg Holstein milkers with 18,000 DHIA, 5 tractors and complete machinery for $341,500 or will sell bare CALL WIMPLE'S SLOANSVILLE OFFICE: 518-875-6355. .FREE DAIRY CATALOGUES.

ST. LAWRENCE VALLEY

FOR RENT IN CENTER OF AMISH COUNTRY: 166 acre dairy with 95 acres tillable and 25 pasture Level to rolling sandy loam soils, very good gambrel roof barn has 34 stalls, cleaner, new mow conveyor, 6 ton grain bin, new heifer facilities, bulk tank Good 6 room home NOT MANY TO RENT for $450 PER MONTH WITH 1 MONTH'S SECURITY CALL WIMPLE'S GOUVERNEUR OFFICE 315-287-4163 MANY MANY OTHERS

MERRY CHRISTMAS

Here's hoping that this special season guides you to inner peace and love

REAL ESTATE

For Rent - Small dairy farm, 130 acres, 85 tillable, silo and feeder. Cumberland County. 717-776-5456

Land for Sale - 134 acres near Cooperstown, NY, mostly woods, very secluded, $200 per acre. 607-829-8259

68 acre dairy farm in Snyder Co., 24 stanchions, good buildings and a large 5 bedroom home, possibility of 10% financing, $165,000. 717-837-2358

Wooded area, 15 acres, located RD 1, Richfield, PA $14,500. 717-694-3130

Perry Co. modern operating dairy, 145 acres, 130 tillable, 66 tie stalls, pipeline milker, 1000 gall. tank, 50x100 loafing barn w/55' bunk feeder, 2-20 x60 silos, 1-20 x38 Harvestore, modern 4 bedroom dwelling. BKR 717-859-1004 or 717-733-8107

For Sale or Rent

185 acre modern farrow to finish hog farm. 9 room home and barn. 5 large hog buildings with pits. 30,000 bushel grain storage. Small tenant house. Would make an ideal partnership operation. A good productive corn farm. Truck scales. Many other extras. $195,000, 20% down, 10% interest or would sell for less bare.

814-447-3725

FARMS FOR SALE

Dairy, Horse, Beef & Crop
(Bedford & Blair Counties)

Century 21

Zane Helsel Real Estate Inc.
407 Logan Blvd. Lakemont
Altoona, PA 16602
814-946-1215
Independently Owned

Juniata County Dairy Farm. Quiet location overlooking river. 200 acres, 145 tillable, 12 pasture, 40+ woodland. Top producing riverbottom, 38 acres presently in alfalfa. 40 cow tie stall barn. New 2" Boumatic pipeline with thermostor water heater. 800 gal. bulk tank. 20'x60' silo with Patz unloader, 12'x35' silo. Other buildings include 35'x40' heifer shed, 36'x60' Butler building, 36'x50' frame machine shed with 11 calf hutches, 24'x48' corn shed, corn crib, small tool shed. Large 4 bedroom stone house w/wood or coal heat, attached summer kitchen. $280,000. Phone (717) 527-2228.

FARMS, FARMETTES, LAND

Exclusive Listings throughout Central PA

- 15 Operating Farms - Blair, Centre, Clinton, Huntingdon, Lycoming, Northumberland, Mifflin Counties.
- 10 - Farmettes - Centre, Clinton & Huntingdon Counties
- 27 Rural Land & Cabin Listings

Please call or write for free detailed lists. See December 18 and December 31 issues for complete inventory.

FARM AND LAND DEPARTMENT
Fred Strouse (814) 364-1705 (Lewisburg) Larry W Platt (717) 568-5563
Don Myers (814) 422-8111 (Bedford) Richard D Reed (814) 839-4271
Mel Rockey (814) 466-6688 (Huntingdon) Rachel Port (814) 669-4194

KISSINGER LEONARD & ASSOCIATES Realtors

Frederick J. Kissinger, Realtor
William H. Leonard, Realtor
245 S. Allen St.,
State College, PA 16801
(814) 234-4000

REAL ESTATE

2 Farms consisting of 120 acres of very fertile land. 2 sets of buildings for sale by the owner, John Strawbridge, 301-996-2022.

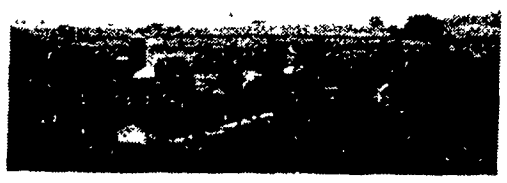
If you're looking for a farm, land or have any other real estate needs, you'll find what you want in the Real Estate classifieds. 717-394-3047 or 717-626-1164.

Tioga County 65 acre farm with stream, barn, new slaughter house. Ranch style home with 3 bedrooms, 1½ baths, 2 car garage. 717-724-3768. Call 717-724-3853. evenings and weekends.

For Sale - 3 bedroom house and grocery store with snack bar, country setting, North Lancaster Co. For further information write 305 Lexington Rd., Lititz, PA 17543 or call 717-626-2995

REAL ESTATE | REAL ESTATE | REAL ESTATE | REAL ESTATE | REAL ESTATE | REAL ESTATE | REAL ESTATE

BOLTON & MOON, INC.
301-838-2651 Eves. 301-838-8454



ACTIVE DAIRY FARM: 194 ac. in high state of cultivation. Beautiful stone/frame home, 2 tenant houses, 2 barns, large garage, corn crib, silos, etc. Good market location.

EXC. HORSE TRAILS on this 82 ac. farm w/4 BR stone Col., 2 baths, bank barn, other outbldgs., stream.

Handy Man Special

136 acres, 75 level tillable acres, balance woods and pasture. Large L-shaped 60 stanchion barn, concrete slab silo. 5 bedroom house. In nice farming area. Southern New York. 120 day growing season. $60,000.00 Owner financing.

100 acres of woods and pasture, 3 barns. Remodeled 5 bedroom, 2 bath house, fully insulated, new furnace burns wood or fuel oil. Private setting. $75,000.00 Owner financing.

LEW REAL ESTATE
141 Chestnut St.
Corning, New York 14830
607-937-5637

FARM FOR SALE
120 Ac. M/L Prime Open Land - 2 sets of Bldgs.
Norrisville, Harford Co., MD

Don't miss this opportunity to buy a Farm set-up for Livestock Breeding that can't be beat! Currently owned and operated by John E. Strawbridge, of Strawbridge and McCleary, Grand Champion Showman of Yorkshire and Hampshire Swine, the property backs up the Mason-Dixon Line off New Park Road, east of Md. Rte. #23 (Norrisville Rd.) in Harford County, Maryland. The 120 ac. m/l of gently rolling land is of excellent limestone/loam soil with approx. 1 acre of woodland. The Main House is solid brick, approx. 150 years old, with 3 bedrooms on the second floor, one with a fireplace, Living Rm. w/Fireplace, Parlor w/Fireplace, Kitchen, Pantry, 1½ baths, full attic and basement. There is on-site well-water and septic and an oil-fired hot water heating system. The Tenant House is a 2-story frame house w/asbestos shingle siding and slate roof. There is no bath in the tenant house but there is running water from an on-site well, Country Kitchen, Dining Rm., and Living Rm., on the first Floor and 5 bedrooms on the second floor. The Farm Outbuildings include a Block and Frame Barn with Metal Roof, Corn Crib, Smoke House, Spring House, Storage Sheds and numerous livestock sheds, frame with metal roof, from 24 ft. x 60 ft. to 12 ft. x 20 ft. in size. The farm must be seen to be appreciated. Owner financing available to qualified buyer or WILL TRADE FOR SMALLER FARM. $315,000.00.

Call John H. O'Neill or Aimee C. O'Neill, Agents for Paul L. Glackin, Inc. Realtor
301-838-6980 301-836-2324

FOR SALE BY OWNER
(New on the Market)

Approx 130 acres of gently rolling fields in a high state of cultivation. Two sides of property bordered by large stream, over 1/3 mi. frontage on major Rd , 17 acres hog fenced, sml piece wooded. Located in Franklin Co , PA, just a short distance from exit 14 of the Penna Turnpike Property lies between two mountains making some of the best deer hunting and most beautiful scenery in all of Pennsylvania. Low taxes, friendly Amish neighbors, and local services make this a great buy at just $1400 an acre for personal, farm, or development possibilities Call 717-349-7424 for confidential showing.

LANCASTER CO.
64 Acre Limestone Dairy farm. 57 Acres tillable Good double house, Barn for Cows & Steers Attractive Owner Financing.

BERKS CO.
108 Acre Dairy Farm 90 Acres tillable. Large Meadow & Stream. Barn w/51 Stanchions, room for heifers, etc Nice House. All buildings in good repair. Priced to Sell

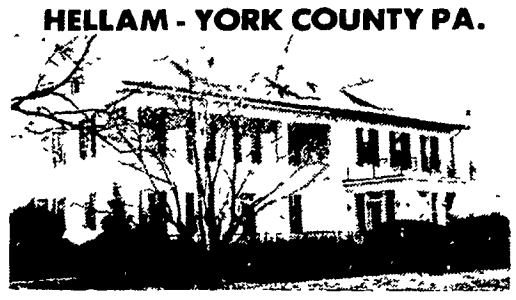
CUMBERLAND CO.
102 Acre Limestone Dairy Farm Large Milking Parlor, 68 Free Stalls, 3 Silos Nice set-up for cows Assumable Mortgage

BERKS CO.
103 Acre Steer & Hog Farm 75 Acres tillable. Terrain level to very gentle slope Buildings need some work. Priced to Sell.

YORK CO.
135 Acre General Farm. 90 Acres tillable - remainder in woodland. Buildings need work Owner Financing.

Horning Farm Agency, Inc.
Main St., Morgantown, PA
215-286-5183

COUNTRY ESTATE
HELLAM - YORK COUNTY PA.



Quality 7 Bedroom Colonial Home.

120 Acres - Could be divided - Top productive land. Excellent Road Frontage. Presently Dairy Operation - Many Out-Buildings - Ideal for horses.

Convenient to York & Lancaster. One mile South Route 30 By-Pass - Hellam Interchange.

Owner Financing to Qualified Buyer - **Call**

BENTZ REAL ESTATE
Sandy Kranich
Office - 717-846-6210
Home - 717-854-2578 (Evenings)

S. NORTHUMBERLAND CO.
& SURROUNDING COUNTIES
Most farms posible owner financing.
Exceptional farm, 35 acres, $79,000

400 acre vegetable or general farm, new machine shed, 2 large barns, irrigation ponds, exceptional home $500,000

75 acre general farm, $79,000

Low payments first year, no money down will buy this farm. 270 acres, 165 tillable, 30 pasture, exc. soil, 4 bedroom home, bank barn & machine shed.

Modern 450 acre beef & broiler set up, mostly all tillable, prime level ground, 2 homes, $900,000.

Amish neighbors - 130 acres, 60 tillable, 30 pasture, balance wooded, bank barn, 10x50 & 16x50 silo, grain storage, 32x80 barn $150,000.

Lykens Valley Farm 110 Acres, 90 tillable, nice home, possible terms. $210,000.

62± acre general farm, 12 room home, coal or oil heat, bank barn, $75,000.

BRADFORD CO.
192 acre operating dairy farm, 150 acres, 3 silos. Possible owner financing at $245,000.

Large amounts of different size acres for sale

PETER B.

CORTELYOU
Real Estate Herndon, PA 17830
717-758-9177
Real Estate Salespersons needed.
Any area of the state.

For Sale
Approximately 65 acre farm in Fruit Belt of Northern Adams County. 4 bedroom farm house, numerous outbuildings and silo.

Ask for Wayne
Joseph A. Myers
Real Estate Inc.
717-334-9204

CATALOG OF FARMS
Free Catalog #56
List 100's of Dairies, Farms, Businesses and Recreational Property.
FREE - Call or Write Today!
AMERICAN FARM DIGEST
3546 WATSON RD.
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1-800-325-9943

Beautiful, gentle, rolling, Carroll County farm containing 180 acres with road frontage on Salem Bottom and Arthur Shipley Roads. Most of the land is type "A" with only nine acres of woods. Improved by farmhouse and old barn (40'x70') in need of repair. Also improved by a quality modern brick rancher, 50'x30', with finished basement. House may be bought separate from farm. Farm appraised at $2,200.00 per acre; house at $85,000.00. If interested, call T. Bryan McIntire, Personal Representative, 301-848-8888 or 301-876-1234.

FROM ALL OF US AT PAUL M. LONGACRE REAL ESTATE -

MERRY CHRISTMAS and A HAPPY AND PROSPEROUS NEW YEAR

Paul M. Longacre
Farms and Country Places

Seasons Greetings
To ALL Of You - From All Of Us

Isaiah 9:6 - For unto us a child is born, unto us a son is given: and the government shall be upon his shoulder: and his name shall be called Wonderful, Counseller, The mighty God, The everlasting Father, The Prince of Peace.

With Joy We Anticipate His Soon Return As "King" of Kings

JOHN B. NIESLEY REAL ESTATE
32 West High Street
Carlisle, Pennsylvania 17013
717-249-8787

RICHARD B. CRAWFORD - 717-734-3673
CLAIR R. BENNER - 717-444-2162
EARL I. STERN - 717-748-7376
GREGG R. BITTING - 717-789-3368 or 789-4513
STEVE E. ORRIS - 717-789-3368 or 789-4177

REAL ESTATE | REAL ESTATE | REAL ESTATE | REAL ESTATE | REAL ESTATE | REAL ESTATE | REAL ESTATE

WISHING A

Merry Christmas

TO ALL . . .

FROM YOUR FARM AGENTS
AT

RICH BRANDT REALTORS
2230 5th St. Highway, Reading, PA 19605
(717) 274-3622 — OFFICE — (215) 378-1122

Merry Christmas and a Happy New Year to all.

Thank you for making 1982 a pleasant year. A special thank you to our Clients.

...we would that ye prosper and be in good health even as your soul prospereth.
III John 2

Steve and Anna Petersheim

John
Noami

Steve Jr.
Ruth

Sam
Orpha

FARM FOR SALE

126 acres in Lancaster Co. on Mine Road near Gap, will subdivide.
Also, an N5 AC gleaner combine.

For info. call
717-442-9549

FARMS & LAND

F1-235 Mini farm, 16 acres, mostly tillable, in Union Co 1½ story house w/fireplace. Bank barn & more. Only $65,000

F1-2-29 4½ acre poultry farm in Snyder Co. 2 story house, 3 story poultry house which includes fans, waterers, chain feeders, aux. power unit, exc. $110,000

R1-2-119 From hummingbirds to Canada geese Enjoy them daily on this 56 acre bird paradise includes 25 acre lake Close to town Lovely brick ranch home Great retirement place Only $92,500

L1-2-38 60 acres mountain land in Southern Montour Co $27,000.

F1-2-34 Snyder County Amish farm 126 acres Over 80 acres tillable 20 acres permanent pasture $115,000

F1-2-31 Dairy farm w/cows and machinery in Union County 140 acres w/over 100 acres of excellent tillable soils All for only $324,000. Or buy farm only Some owner financing

F1-2-28 10 acre turkey farm. Modern. Over 76,000 square feet of floor space Dirt floors 45 KW auxilliary power included Union County $390,000

F1-2-23 Dairy farm in Union Co. Good producing farm with 3 silos and unloaders 102 free stall barn, bank barn, etc. 1000 gal. bulk tank, pipeline milking system, 75 acres approx. 65 acres tillable, class II and III soils $199,000.

F1-2-25 Union Co. 50 acre general farm Limestone Twp near White Springs. 35 acre tillable Excellent producer $100,000. Road frontage near Selinsgrove on U.S Rt. 522. With or without buildings. Excellent business location High traffic area

Other Farms Also Available

BOWEN AGENCY, INC.
22 N. Market St.
Selinsgrove, PA 17870
(717) 374-2165

John Mitchel 966-2174
Phil Graybill, GRI 717-374-8038
Dave Herbst 374-0257
John Conrad 286-9736
Harvey Feltman 539-8557

SELLING YOUR FARM?

SANFORD G. LEAMAN
ASSOC. BROKER
and
AUCTIONEER

AUCTION OR BROKERAGE?

It is your option when you call us. We will explain both plans and then you choose. No obligation.

YORK COUNTY

12 acre farmette with a 4 bedroom ranch house oil heat + a wood burner for economical living There is a large steel building only a few years old with box stalls and loose housing for steers or cows Private setting and in excellent condition Priced under replacement costs at $109,900.00 and nicely located with seclusion

NORTHUMBERLAND COUNTY

115 acre general farm with 2½ story brick house in excellent condition with central oil heat This farm has 2 silos but no barn An excellent time to make it what you want You could build a dairy, beef, hog or chicken operation This one has excellent owner financing terms You'll need to call as this one shouldn't last long at $139,900 00.

If you are thinking of buying or selling a farm or farmland call Sandy today. He will be glad to serve you in any county.

HIGH REALTY CORP.
1837 William Penn Way
Lancaster, Pa. 17601
(717) 393-5661 Home 656-6834
A High Industries, Inc. Company

FOR unto you is born this day in the city of David a Saviour, which is CHRIST THE LORD. And this shall be a sign unto you; Ye shall find the babe wrapped in swaddling clothes, lying in a manger. AND SUDDENLY there was with the angel a multitude of the heavenly host praising God, and saying, GLORY TO GOD in the highest, and on earth peace, good will toward men. Luke 2:11-14

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Specializing in Farm Real Estate in Lehigh, Berks,, Northampton and Schuylkill Counties
for the past 9 years

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We wish you a very happy Christmas ... and thank you for your patronage.

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WESTFIELD, 108 Main St 814-367-2249
MANSFIELD, RD 1, Box 41 662-2138
TOWANDA, Bridge St. 265-3171
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OUR #1 AIM IS SERVICE

PENNA FARMS
CUMBERLAND CO.

120 Acre Dairy Farm, level Murrill soil, bank barn with 24 stanchions, 6 unit pipeline milker, 900 gal. bulk tank, 96 freestall barn, heifer barn, 12x50 - 20x60 silos with unloaders, 80' feeder, emergency elec. unit, alum. siding dwelling.

180 Acres, Duffield and Hagerstown limestone soils, road frontage, no buildings.

62 Acres Open Land (Hagerstown limestone), no buildings.

158 Acre General, Owner Financing.

153 Acre Dairy, 135 tillable, 40 comfort stalls, Patz stable cleaner, 600 gal. bulk tank, additional lounge area, 7 room brick dwelling, road frontage, beautiful view.

HUNTINGDON CO.

172 Acre General, Price adjusted to $90,000.

166 Acre General, spacious brick rancher, plus 1 room brick school house.

144 Acre Complete Dairy & new dwelling

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Charles Wenger, GRI, 263-0945
George Ebener 249-4979
Wilbert Diehl 258-3231

GEORGE L. EBENER & ASSOCIATES REALTORS
139 W. High St., Carlisle, Pa.
Ph. (717) 243-6195

Sale Reports

A public auction was continued for the second day Dec. 17 for John W. Lewis, Jr., along Rt. 372 midway between Quarryville and the Buck, Lancaster co.

Some prices were: oak round table $250, jelly cupboard $210, oak dressers $125 & $135, cast-iron dinner bell $75, copper kettle $175, Coke sign $24, oil lamps up to $40, Groff Auction cloth sign $38, shelf clock $95, regulator clock $160, broad axe $50, old butchering dippers $17 each, shadow boxes $26 each and butter print $52.50.

Auctioneers were Lloyd H. Kreider, Randal V. Kline & Gary L. Shirk.

xxx

An auction of farm machinery and household goods was held Dec. 18 for Margarethe B. Holtzinger, 760 Long Corner Rd., Mt. Airy, Maryland.

Some prices received were: J.D. 830 diesel tractor $5,000, M.F. 165 tractor & loader $3,175, N.H. 510 manure spreader $875, 3 pt. post hole digger $255, Woods Cadet rotary mower $690, Homelite chain saw $85, chain hoist, $47.50, hydraulic jack $37, air compressor $69, 100 bales timothy hay $135, 500 bales timothy hay $650, 600 bales alfalfa hay $710, disc harrow $290, 3 pc. bedroom suite $50 and king size bed $65.

Trout Auctioneers, Inc. conducted the sale.

xxx

A public auction of antiques was held Dec. 18 for Lloyd W. Fauth, along Rt. 124 near East Prospect, York Co.

Some prices included: F.H. Cowden, Hbg., Pa. pancake batter jug $900, quilts $300 to $575, cherry drop leaf table $590, pine dry sink $625, painted rocker $220, 6 painted plank-bottom chairs $510, white-bottom kerosene lamp $320, secretary/bookcase comb. $600, small match box $90, East Prospect plate $170, 6 gal. Pfhaltzgraft, York, Pa. crock $300, 3 gal. jug $210, granite coffee pot $50, Sellers oak kitchen cabinet $435 and pine sideboard $425.

Bradley K. Smith was the auctioneer.

xxx

A public sale of farm equipment and household goods was held Dec. 18 by William L. and Shirley A. Smith, ½ mile off Route 897 between Kleinfeltersville and Newmanstown, Lebanon Co.

Among items sold were: A.C. CA tractor $810, chain saw $60, chain hoist $50, iron trough with Brunnerville imprint $35, meat grinder $120, large iron kettle $92.50, butcher furnace $95, wooden scalding trough $65, parlor wood stove $330, and blanket chest $150.

Auctioneers were T. Glenn and Timothy G. Horst.

Use Agronomy Guide for "profit"

UNIVERSITY PARK — In order to ensure a sizable profit on crops, farmers should compare alternative production methods and follow sound production practices recommended in the 1983 edition of the Penn State Agronomy Guide.

There are four basic production practices that will enable the farmer to collect higher yields and profits.

The farmer should know soil type and match the crop to it. The type can be found in the country's soil survey report. This report aids the farmer in determining the amount of limestone and fertilizer necessary to obtain a high crop yield.

As much energy as possible should be conserved in the soil. Corn expends the most energy, but by rotating with alfalfa every two years, some of this energy can be conserved.

For best results, farmers should use high quality seeds in planting. These seeds have a germination of 90 percent and contain few or no weeds.

Since pests are a big problem in crop production, the farmer should maintain a feasible pest control program. The program should be based on a combination of proven methods.

The 1983 Agronomy Guide, from which this and much more valuable information can be found, is available at county Extension offices for $2.

The Farmersville Auction held their weekly sale Tuesday, Dec. 7 in Farmersville, 3 miles east of Brownstown, Lancaster Co.

Some prices received were: 4 pc. waterfall bedroom suite $240, Maytag wringer-washers $25 to $290, 3 refrigerators $150, $160 & $350, cedar wardrobe $70, maple breakfast set $90, 2 pc. livingroom suite $100, jelly cupboard $85, 9 pc. depression diningroom suite $100, G.E. automatic washer $120, camel-back trunk $45, gooseneck rocker $20, spinet desk $70 and Lancaster shotglass $16.

Sale conducted by John J. Rutt.

Public Sales Register

Closing Date - Monday, 5:00 P.M of each week's publication

DECEMBER

MON. DEC. 27 - 9.30 A M Consignment Sale Located at S. Race St, Myerstown, Pa. 17067. Sale held by Wengers Farm Machinery, Inc

TUES DEC 28 - 9 A M Public Sale of Antiques Located 7 mi. southeast of Kutztown in Longswamp, PA, just east of Topton. Paul and Alice Johnson and Leland Smith, Owners Ralph W Zettlemoyer Auction Co

TUES DEC 28 - 10 A.M Public Sale of Surplus City Hall Furnishings Located at Harrisburg's Old Municipal Building, Fifth and Walnut Sts, Harrisburg. City of Harrisburg, Owner. John T Ensminger and Kerry Pae, Auctioneers

TUES DEC 28 - 10 A M Public Sale of Industrial Equipment, Trucks, Backhoe Loaders and Trailers Located at 2202 R Conowingo Rd, Harford Co, Bel Air, MD at intersection of MD Rt 543 and U S Rt 1 Helton's Recovery Service, Owner William H Amoss, Auctioneers

THURS DEC 30 - 10 A M Public Sale of Cattle, Machinery, Milking and Barn Equipment, Produce, Silo Unloaders and Seed Located on Rt 79, 2½ mi south of Whitney Point, use exit 8 off I-81 to Whitney Point, Strawberry Valley Farm, Owners Mel Manasse, Auctioneer

JANUARY

SAT JAN. 1 - 9 00 A.M. Farmersville, Auction in Farmersville, New Year's Day Antique Sale, 3 mi East of Brownstown, Lancaster County, Pa. John J. Rutt, Auctioneer

SAT. JAN. 1 - 10.30 A.M Public Sale of Farm Equipment. Located at R.D. 1, Mohrsville, Centre Twp., Berks Co Aden K. and Anna Mary Oberholtzer, Owners. Horning Farm Agency, Inc., Auctioneers

SAT JAN 1 - 10:30 A M. Public Sale of Farm Equipment, Storage Bins and Trucks Located taking Rt. 74 south from Dillsburg off Rt 15 to Rt 194 south to 1st road on right, only 2 mi from Dillsburg, Pa. Albert L Glenn, Owner, Blaine N Rentzel, Auctioneer

TUES JAN 4- 12 Noon Public Sale of Vineyard Equipment Located at the farm, 8 mi. north of Hammondsport or 12 mi south of Penn Yan, just off Rt 54 on Grove Springs Rd Mr and Mrs Richard Barney, Owner Pirrung Auctioneers

THURS JAN. 6 - 11 00 A M Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, Pa

THURS JAN. 6 - 6 P M. Public Sale of Showroom Quality Furnishings, Antiques, Cadillac and Coins Located at Guernsey Barn, 5 mi east of Lancaster on Rt 30. John Peck Estate Claude F and V. Ronald Smith, Auctioneers

FRI. JAN. 7 - 5:30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

STRAWBERRY VALLEY FARM DISPERSAL

Whitney Point, N.Y.

THURS. DECEMBER 30, 1982

10:00 A.M.

Sale to be held on the farm on Rt. #79, 2½ miles south of Whitney Point. Use Exit 8 off I-81 to Whitney Point.

185 - GOOD HOLSTEINS - 185

119 mature cows - of which 17 are recently fresh; 28 are handling or bagging; 6 due in April; 8 due in May; 13 due in June; 16 due in July; some bred for Aug. & Sept.; balance in all stages. 1 Reg. Service Bull. 19 bred Heifers from bagging to just bred; 17 yearlings; 29 heifers ranging from well started calves to short yearlings. The herd is on DHIA A.P. and Nov. 82 R.H.A. was 15,593#M, 3.5%, 546 fat, Individual records to over 20,000 lbs. of milk. You will find a good free stall herd here that has always used good bulls in its' program and a well grown group of herifers. The entire herd has been examined for pregnancy, shot for Shipping Fever & Lepto, Blood & T.B. Tested and are eligible for immediate shipment day of sale.

MACHINERY (It's Clean & Like New)

N.H. 892 Chopper w/electric controls & magnet, has 2 row Corn Head, 2 Row Narrow Snapper Head, and Pickup Head, really sharp; Mack Cab-over Truck w/210 Cummins diesel w/mounted 16' Dion Self-Unloading Box; White Conventional Diesel Truck w/mounted 16' Dion Self-Unloading Box; Duall 5000 Chopping Dump Wagon, like new; N.H. 27 Whirl-A-Feed Blower; J.D. 65 Short Hopper Blower; New Holland 114 Pivot Tongue 14 ft. Windrower; 2 years old and like new; Schwartz 850 Feeder-Mixer wagon w/Scales, good shape; N.H. 346 Barrell Spreader, Rt. Hand; 20' Steel Feeder Wagon; Int. Self-Propelled 175 Windrower for parts; N.H. 880 Chopper for parts; Some used Truck Tires.

MILKING & BARN EQUIPMENT

Surge Double 4 Herringbone Parlor w/Hand Feeders; (8) 65 lb. Weigh Jars; Surge Electro Brain Pipeline w/Washer & pacemaker & 8 Milking Units; (2) Surge Alamo 75 Plus Milker Pumps, 3½ & 4½ HP; Pre-Cooler; Mueller 800 gal. Bulk Tank w/5 HP Compressor; Mueller-matic Bulk Tank Washer; (2) Northco Magnetic Feeders (3) Heated Waterers; (2) Cow Culator Dairy Herd Record System; (8) Surge Automatic Feed Boxes w/electric controls; Agri-Star Mineral Feeder; Some Metal Gates; (16) Wooden Calf Hutches.

PRODUCE — SILO UNLOADERS - SEED

Approx. 200 ton of Haylage tested at 18% protein, easy to get out; Approx. 400 ton good Corn Silage tested at 10½% protein and energy is .7 MCAL, easy to get out; Approx. 170 ton of Hi-Moisture Corn in a Wooden Bunker; 325 Round Bales (700-800 lbs. each); Badger 24' Ring Drive Silo Unloader w/7½ HP motor, good shape; Patz 24' Pack Drive Silo Unloader w/7½ HP Motor; 14 Bags of Funks 4252 Corn Seed for silage or picking; 4 bags Crop-Sil Preservative.

Order of Sale - Machinery promptly at 10:00; then Produce & Silo Unloaders; Milking & Barn Equipment; then Cattle, probably at 11:15 or 11:30. Very few Small items.

P.S. Strawberry Valley Farm is discontinuing their complete dairy operation so they can devote full time to their vegetable & produce business. You will find a top dispersal here, good cattle & machinery. Everything really sharp on a beautiful farm. Save the date for this great dispersal.

Terms — Cash or Good Check day of sale w/proper ID

Owners
STRAWBERRY VALLEY FARM
Larry Frederick & Jeff Green

Mel Manasse
Sales Manager & Auctioneer
Whitney Point, N.Y.
607-692-4540

Lunch Available

CONSIGNMENT AUCTION

MONDAY, DECEMBER 27, 1982

9:30 A.M.

Large Selection of JD, IH, Ford, MF, Case, Oliver, AC, Tractors, Machinery and Construction

Consignments Accepted Anytime -
Reasonable Commission

ABSOLUTE AUCTION ITEMS INCLUDE:
(Partial Listing Only)

JD 4400 Combine w/1100 Hours - Nice
JD 444 Cornhead
JD 4020 Diesel - Power Shift (As is)
Long 550 Diesel
JD 60 w/NI 12 Roll Mtd. Picker
Ford 340 Skid Steer
JD 7000 8 Row 30" Planter
IH 56 4 Row Planter
Ferg. 2x3 pt. Planter
6 Tobacco Toppers
Flat Wagon
Ford 3 pt. Flail Mower
JD 18 1 Row Picker
David Bradley Sickle Mower
Souders Loader
Ford 2x3 pt. Plow
White 12' Transport Harrow
AC 6 Row 3 pt. Rolling Cultivator (Demo)
6' 3 pt. Blade
5' 3 pt. Rotary Mower
3 pt. Carry All
3 pt. Boom Pole
JD 2 Row Cultivator
IH 21 Double Disc Drill
NH 352 Feed Mill
7' 3 pt. Blade
3 pt. Woodsaw
JD 110 Tractor w/Blade
3 pt. Seeder
IH 28 Blade Disc
JD Offset Disc
JD KBA Disc
Ferg. 3 pt. Mower
Oliver 3X Roll Over Plow
IH Chisel Plow
Case Field Cultivator
MF Snow Plow
5' Snow Plow (New)
IH #10 Forage Wagon
JD Moisture Tester
Hog Pregnancy Tester
20 - Vanton Water Pumps
15 - Vanton Brass Pumps
15 - Sherwood Gear Pumps
JD 14' Field Cultivator

Terms: Cash or Good Check.
Financing Available If Contacted
5 Days Before Sale.

Sale Held At:
WENGERS FARM MACHINERY, INC.
251 South Race St.
Myerstown, PA 17067
(717) 866-2135

AUCTIONEERS:
FRED GOODRICH
BLAINE RENTZEL
GLENN WENGER
CURT HOWARD

Public Sales Register

Closing Date - Monday, 5:00 P.M.
of each week's publication

FRI JAN. 7 - 10 A.M. Horse Sale at New Holland Sales Stables, Inc., 12 Miles East of Lancaster, Pa just off Rt. 23, New Holland, Pa. For more information contact Abe Diffenbach, Mgr. 717-354-4341 or Norman Kolb 717-397-5538

SAT. JAN. 8 Consignment Auction of Used Farm Tractors and Equipment at our place of business on corner of Rt. 38 and 38B, Newark Valley, NY. Sale by Goodrich Auction Service 607-642-8688

MON. AND TUES. JAN. 10 and 11 - 10 A.M. Public Sale of Swine. Located at Farm Show Building, Harrisburg, PA, Small Arena. PA All Breed Bred Gilt Sale. Harry Bachman, Auctioneer

TUES JAN. 11 - 12:30 sharp. 4th Annual Draft Horse and Mule Consignment Sale located at Kingsport Livestock Market, just off Hwy 11-W Mack Blevins and Danny Mouser, Auctioneers

FRI JAN 14 - 5.30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

THURS., JAN. 20 - 11:00 A.M. Monthly Cow Sale at Mel Kolb, Inc., Maryland Farm, Woodsboro, MD

FRI. JAN. 21 - 5.30 P.M. Gap Auction. Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI. JAN. 21 - 10 A.M. Horse Sale at New Holland Sales Stables, Inc , 12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa. For more information contact Abe Diffenbach, Mgr. 717-354-4341 or Norman Kolb 717-397-5538

FRI. JAN 21 - 1 P.M. Public Sale of Swine Located at Brooks End Farm, Beavertown, Pa Park and Reno Thomas and Mark Stehr, Owners Dan Baker, Auctioneer

SAT JAN 22 - 10 A M. Public Sale of Farm Equipment. Located near Rothsville Milton Horst, Owner Horning Farm Agency, Auctioneers

FRI. JAN. 28 - 1 30 P M Dairy Cattle Sale at Penns Valley Livestock Auction, Centre Hall, PA

FRI. JAN 28 - 5 30 P M Gap Auction. Antiques and Household Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FEBRUARY

FRI. FEB. 4 - Public Sale of Farm Equipment at New Holland Sales Stables, Inc., New Holland, Penna.

SAT. FEB. 5 - 2 P.M Public Sale of 2½ Story Frame Dwelling and Barn on 1 Acre of Land. Located at 181 E. Main St., Leola along Rt. 23 in the Village of Bareville, John Henry and Esther H. Weaver, Owners. Robert E. and Jeffrey R. Martin and Frank L Steller, Auctioneer

FRI FEB. 11 - 10 A.M. Horse Sale at New Holland Sales Stables, Inc., 12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa. For more information contact Abe Diffenbach, Mgr. 717-354-4341 or Norman Kolb 717-397-5538

FRI. FEB 11 - 11 A.M. Public Sale of Construction Equipment, Cars, Trucks, Loaders and Etc Located in Felton, DE. Carroll's Sales Co., Inc

SAT. FEB. 12 - Public Sale of Farm Machinery, 23 Head Holsteins, Household Goods, Antiques, Ear Corn and Silage. Located 2 mi. east of Gap. James and Elizabeth F. Stoltzfoos, Owners. Steve Petersheim, Auctioneer

THURS. FEB. 17 - Public Sale of Holsteins and Farm Machinery. Located in Catawissa, Columbia Co. Amos Lapp, Owner. Steve Petersheim, Auctioneer

SAT. FEB. 19 - 10 A.M. Tack, 11 A.M. Horses. Consignment of all kinds of horses. Located at the Belleville Livestock Market. Special Horse Sale

SAT. FEB. 19 - Public Sale of Farm Machinery and Cattle. Located ½ mi. east of Honey Brook. Amos K. and Lydia B. Blank, Owners. Steve Petersheim, Auctioneer

MON. FEB. 21 - Public Sale of Farm Equipment and Tools. Located at R.D. 1163 Bethel, Pa. Daryl G. and Doris E. Martin, Owners. John E. and Paul E. Martin, Auctioneers

TUES. FEB. 22 - Public Sale of Cattle and Farm Machinery. Located 2 mi. east of Strasburg. Jonas E. Fisher, Owner. Steve Petersheim, Auctioneer.

TUES. FEB. 22 - Public Sale of Tractors, Farm Machinery. Along Meadow Valley Road near Ephrata, PA. Sale by Edwin Horning. Horst and Rentzel, Auctioneers.

FEB. 23 - Annual Winter Auction at Ag Industrial Equipment, 1207 Telegraph Road, Rt. 273, Rising Sun, MD.

THURS. FEB. 24 - Public Sale of Farm Machinery and Household Antiques. Located 2 mi. east of Intercourse. Emanuel Zook, Owner. Steve Petersheim, Auctioneer.

FRI. FEB. 25 - 7 P.M. Horse Sale at New Holland Sales Stables, Inc., 12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa., For more information contact Abe Diffenbach, Mgr. 717-354-4341 or Norman Kolb 717-397-5538

FEATURING FIRST
AND THIRD MONDAY
EACH MONTH

GRADED FEEDER PIG SALE

1:30 p.m. Sharp!
Telephone 302-734-2016 or 284-4541
Tele-O-Auction - 302-284-4912
* Tele-O-Auction - Bid over the telephone.
* Easy to reach - Rt. 13, on South Bound Lane, approximately 10 miles South of Dover, Delaware.
* Quick Service - Load & Unload.
* No Dealer pigs.
* Pigs received after 7 a.m. until 11 a.m.
* Consignors - Paid day of sale.
* Veterinarian inspection on premises - Dr. Towers.
* State Graded.
* Pseudorabies Free State.

Auctioneers-Harry Barrett - Chester Lee Carroll

AUCTIONS OF ALL TYPES

BANKRUPTCY AUCTION
SATURDAY, JANUARY 8, 1983
At 10:00 A.M.

1082 Eisenhower Blvd., just off Swatara Exit #1 of I-283, East of Hbg., Pa. Selling several bankruptcy lots, estate lot, and secured party transaction.

EQUIPMENT
Ford 3000 Tractor w/Front End Loader, 1964 Chevy Truck w/Mounted Ford Engine Sterling Auger/Digger, 1976 Dodge One Ton Stake Body Truck, Tag-A-Long Low Boy Trailer, Ingersoll Rand Air Compressor, Yale 5000 Lb. Forklift, Airco MIG Welder, Power Digger, Air Drill, Other Related Items.

FENCING INVENTORY & TOOLS
Hundreds of Rolls of Chain Link Fence New & Used, Galvanized Pipe Stock, Guardrail, Mesh Fence, Posts, Caps, Hardware, Parts Bins, Acetylene Outfit, Saws, Drills, Hand Tools, Hard Hats, Chain Bonders, Angle Iron, Scrap Metal, Related Fence Accessories.

OFFICE EQUIPMENT & FURNITURE
AB Dick 901 Copier, Four 4 Drawer File Cabinets, Double Door Floor Safe, Executive Desk, 3 Metal Office Desks, 10 Office Chairs, Phonemate, Locking Files, 4 Metal Storage Cabinets, 3 Calculators, Checkwriter, Tray Files, Sofa, Bookshelf, Credenza, Lamps and Office Accessories.
BANKRUPTCY #1-82-00496

SEFCO, INC.
LEON HALLER, Trustee
TRACTOR TRUCKS CARS
1975 Marmon Dual Axle Conventional Tractor w/Sleeper, 15 Speed Trans w/Detroit Diesel 292 Engine, Recently Overhauled, 1981 Ford Escort, 2 Ford Fuel Oil Tank Trucks, Several Ford Vans and Storage Trailers. To be sold at 1:00 P.M. From the Estate of Warner Lewis, Commonwealth National Bank - Recovery Department.

BONDS
Two $500.00 Hbg. Area Industrial Development Corp. Bonds, 25 yr. 2½% Debenture Due 1/1/90 & 1/1/91, To be sold at 12:00 Noon.
BANKRUPTCY #1-80-00314

LEON HALLER
Trustee for Doutrich & Company
TERMS: Cash Travellers Checks. Positively NO OUT OF STATE CHECKS. Complete payment day of auction. If roads are impassable auction will be Monday January 10, 1983.

KERRY PAE AUCTIONEERS
327 N Front Street
Harrisburg PA 17101
(717) 236 3752

Registered & Grade

Tri-Cities 4th Annual Special

DRAFT HORSE & MULE CONSIGNMENT SALE

TUESDAY, JANUARY 11, 1983

Located at Kingsport Livestock Market
Just off Highway 11-W

Sale Starts at 12:30 Sharp

RULES OF SALE: Special Attention - No Riding Type Horses. All Guarantees between Buyer and Seller. All Horses must be in Sale Barn by Midnight, Monday, January 10. All Colts will be sold first. All animals will be fitted with new shipping halters at Seller's expense. "All Horses must be called in for Consignment."

Sale Held In Clean Barn
Reliable Trucking is Available

TERMS OF SALE: Cash, Cashier's Check and Other Check With Proper I.D. and Bank Reference.

5% Commission
$20.00 No Sale
$2.00 Per Head Per Day Feed
$4.00 Shipping Halter

MOTELS:
Ramada Inn — 615-245-0271
Holiday Inn — 615-247-3133
Econo Travel — 615-245-0286
Tri-City Airport is Available

Our past prevous sales have had some top horses, mares and mules. We are expecting a larger consignment of big drafting mules that our past previous sales have produced. So, Mr. Farmer, Dealer or Breeder, if you are looking for top quality stock, don't miss this sale.

Special Attention:
We would like to thank each and every one who has taken part in making our past sales a success. We like to deal in quality over quantity.

MERRY CHRISTMAS & HAPPY NEW YEAR
FROM THE TRI-CITIES HORSE & MULE

AUCTIONEERS:

Mack Blevins
of Elizabethton, TN.

Danny Mouser
of Columbia, KY.

For further information call Billy Cochran at 615-234-4675 or 615-348-7387.

NOT RESPONSIBLE FOR FIRE & THEFT OR ACCIDENTS

PUBLIC SALE

"NEW YEAR'S DAY"

JANUARY 1, 1983

10:30 A.M.

FARM EQUIPMENT - STORAGE BINS & TRUCKS

Glendale Farms - Dillsburg, Penna

Located - Take Rt. 74 south from Dillsburg (off Rt. 15) to Rt. 194 south to 1st road on right, only 2 miles from Dillsburg, Pa.
"Watch For Signs"

TRACTORS

Massey Ferguson 1135 Diesel w/ cab & heater - 1200 hrs. Allis Chalmers 185 Diesel w/1700 hrs. Swarts Loader Quick Tach for A.c. 185 & others. Massey Ferguson 7 hp. riding mower. Antique tractor - Gibson w/snow plow & bottom plow, made in Longmont, Colo. Oliver 1750 diesel, over & under & wide front.

COMBINES

International 1440 Auxiliary Flow Diesel Combine w/1100 hrs. & 15 ft. grain head w/floating cutter bar, heater control. 6 Row Corn Head for Int. Combine narrow row.

TRUCKS - TRAILERS

1980 Chev. C20 Pick-up 24,000 mi. 1974 Mack Truck Tractor Twin Screw & 5 speed Maxidine trans. w/wet line. 1968 Chev. Grain Truck 16' w/hoist, 26000 GVW. 1961 GMC Tool Truck. Wolverine Goose Neck Trailer 40 ft. w/tandem Dual Wheels. 28' Donahue Equip. Trailer. Mobile telephone Unit, complete. 1966 Brockway truck tractor, tandem, 15 speed Road Ranger, Hendricks suspension, 335 Cummins, as is for parts.

STORAGE BINS & AUGERS

Brock 28,000 Bushel Bin w/False Floor 36' Diameter. Brock 7000 Bushel Bin, False Floor, 27' Diameter. Shiver System 10 hp. Propane fan. 51 ft. Grain Auger 8" w/Transport.

TILLAGE EQUIP.

Int. 710 5 Bottom Plow - 18" or 20" Bottom. 12' Pittsburg Transport Disc. (2) 9 Tooth Soil Master Chisel Plows (pull type). A.C. 2500 Fold Disc. 19' Dunham Cultipacker w/fold up wings. 13' Massey Harris Rotary Hoe. 6 Row A.C. 333 No-Till Planter dry Fertilizer & Insecticide (Narrow Row). (2) Massey Fergusen 43 Grain Drills (1 has double disc openers & press wheels).

MISC.

7' New Idea Trailer mower, C80 Woods Rotary (pull type), 8 ft. Massey Ferguson 3 pt. Blade, J & M Gravity Bin 350 bu. w/Pipen wagon, 2 - 200 gallon tractor mtd. sprayer tanks, 2 - 1500 gallon storage tanks for spraying, PTO sprayer pump, 3 hp. gas motor w/pump, New Holland 800 Spreader tandem axle, 11 hp. Lincoln portable welder & 45 Watt Generator, Portable gas tank (pick-up truck mtd.), hydraulic cylinders, chain, misc. tools, bolts & etc.

AUCTIONEER'S NOTE: Most of this equipment was bought new with in the last 4 years & has been taken very good care of. This equip. is ready to go to the field. Not many small items so sale will start promptly at 10:30 A.M., all items will be sold, no reserved bids. Full settlement sale day. "TITLES" for vehicles will be mailed to buyer with in 1 week of sale.

OWNER:
ALBERT L. GLENN
Glendale Farms
Daytime: 717-545-6400
Evening: 717-432-2630

AUCTIONEER: Blaine N. Rentzel
Emigsville, Pa.
Daytime: 717-764-6412
Evening: 717-266-1671

Public Sales Register

Closing Date - Monday, 5:00 P.M. of each week's publication

FRI FEB. 25 - 9 A.M Public Sale of New Used and Abused Farm Equipment, Tools, Antique Tractors and Engines Located 10 mi. east of Lancaster between Leola and New Holland, turn off Rt. 23 on S. Groffdale Road, turn left on Musser's School Road, Lancaster Co., PA Terms by Elias S Beiler Auctioneers - Robert E and Jeffrey R Martin 656 7770, Frank Steller and Blaine Rentzel

SAT FEB 26 - Public Sale of Farm Equipment and Household Goods Located along Bridgeville Rd., east of Goodville Aaron and Mary Shirk, Owners Nevin Martin and Paul Hurst, Auctioneers

SAT. FEB 26 - Public Sale of Farm Machinery Located 2 mi west of Honey Brook Robert Campbell, Owner Steve Petersheim, Auctioneer

SAT. FEB 26 Public Sale of Farm Equipment Located along Cloverleaf Rd just off Rt 283 at the Rheems-Elizabethtown exit, near the Norlanco Medical Center Sale by Harlan M. Hoover Raymond Miller and Rufus Geib, Auctioneers

SAT FEB 26 - Public Sale of Farm Equipment Located on Lime Rock Road, ½ mile west of Lititz Sale by Howard O Martin E M Murray and Associates, Auctioneers

SAT FEB 26 - 9 A M 9th Annual Public Sale of Strasburg Fire Co Located in Strasburg, Pa Elvin Siegrist, Auctioneer

MARCH

THURS MAR 3 - 10 00 A M Public Auction of Outstanding linemodern John Deere Farm Equipment and other models located along Anchor Road, Box 195, Washington Boro, Pa Sale by Mr & Mrs J Wilmer Eby, Auction conducted by the J Omar Landis Auction Service Jay M Witman and Omar Landis, Auctioneers

CHRISTMASTIDE

It's our favorite time for saying thank you for your friendship and loyalty and for extending warm wishes to all.

From the staff at
Jack Wood's Livestock & Auction Service
Cincinnatus, NY 13040

KEISTER'S MIDDLEBURG AUCTION SALES, INC.
Rt. 522 - RD 3, Middleburg, Pa.

Good's Auction

111 North Maple Ave.
Leola, PA

Hay, Straw and Corn Sales
Every Wednesday at 12:00 Noon

DAVID H. GOOD & SONS
111 North Maple Ave., Leola
717-656-9558

**VINEYARD EQUIPMENT AUCTION **

TUESDAY, JANUARY 4, 1983

12:00 Noon!

Hammondsport, (Steuben Co.) New York Sale to be held at the farm located app. 8 miles north of Hammondsport or 12 miles south of PennYan, just off rte. 54 on GROVE SPRINGS ROAD.

Giving up farming, selling without reserve full line of machinery required to operate this 170 acre vineyard operation! To wit:

TRACTORS-FORK LIFTS: (all tractors wide front and 3 pt. hitch) 2 DEUTZ 4506 diesels; Deutz 4006 diesel 4-wheel drive; Oliver 1250 diesel; White-Oliver 2-44 diesel; Oliver 550 gas tractor; J.D. commercial forklift tractor with 2010 gas power unit, roll guard canopy; also a Kwickway rear mounted forklift unit which will fit most tractors!

GENERAL VINEYARD TOOLS: 1969 Chisolm Ryder vineyard harvester with Ford 4000 tractor power unit, updated unit with Cleveland-Koch new style shaker; Ramielt's vineyard hedger mower; 2 all steel bin trailers; Taylorway vineyard disk; 2 Shaver post drivers; app. 45 plastic lined grape totes; Victair 300 gal. air blast sprayer; Technoma 150 gal. air blast sprayer; Buffalo Turbine 200 gal. stainless steel tank air blast sprayer; Meyers general purpose weed sprayer with John Blue pump; Hanson 3 pt. fiberglass tank weed sprayer; Herd and Vicon broadcast fertilizer spreaders; 2 5 ft. 3 pt. rotary mowers; 6 ft. 3 pt. scraper blade; 2 Howard 3 pt. vineyard rotovators; set of 28 in. double ring chains; etc.

TRUCKS: Dodge 500 flat bed truck with 20 ft. deck; 1970 Brockway single axle truck tractor with 230 Cummings diesel, 10 sp. ranger, needs engine work; 1968 Diamond Reo tag axle truck tractor, Cummings diesel, 8 sp. trans., cab over; 1966 trailmobile 45 ft. trailer.

No small tools! Lunch available!

Terms: Cash or good check sale day! I.D. required! Nothing to be removed until settled for.

Owned by
MR. & MRS. RICHARD BARNEY
315-536-8102 (before 7 A.M. or after 7:00 P.M.)

PIRRING AUCTIONEERS, Inc.
Wayland, New York
716-728-2520

Licensed-Bonded-Insured-
Reputable since 1948!

PENNSYLVANIA ALL BREED BRED GILT SALE

JAN. 10-11, 1983

Farm Show Bldg. Harrisburg, Pa.
Small Arena
Sale Arena Phone (717)-787-4160

Berkshire:
Arlie Cornbower
#1 Box 41
New Freedom, PA 17349

Chester White:
Charles Griest
Rt. #1
Abbottstown, PA 17301

Duroc:
Rick Pfautz
RD#1
Stevens, PA 17578

Hampshire:
Charles Bomgardner
RD#3 Box 604
Annville, PA 17033

Landrace:
Larry Baum
RD3 Box 422
Elizabethtown, PA 17022

Poland:
Keith McConnell
Box 46
Volant, PA 16156

Spotted:
Clair Hartman
Box 222
Gratz, PA 17030

Yorkshire:
Leon Arnold
RD#7 Box 705
Lebanon, PA 17042

Auctioneer:
HARRY BACHMAN
138 College Ave.,
Annville, PA 17003
Tel. 717-867-1809

MAY BE REMOVED FOLLOWING SALE WHEN SETTLEMENT MADE

PA. CO-OP SWINE BREEDERS ASSN.

Public Sales Register

Closing Date - Monday, 5:00 P.M.
of each week's publication

THURS MAR 3 - 11 00 A M Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, Pa

FRI MAR 4 - Public Sale of Farm Equipment at New Holland Sales Stables, Inc , New Holland, Penna

FRI MARCH 4 - 9 A M Consignment of all kinds of machinery Located at the Belleville Livestock Market Annual Spring Machinery Sale

SAT MARCH 5, 1983 Bart Township 19th Annual Fire Co. Sale.

SAT. MARCH 5 - 9.30 A M. Public Sale of Farm Equipment, Household Goods and Antiques. Located 2 mi north of Bird-in-Hand, turn off Rt 340 on Beechdale Rd to Stumptown Rd., turn right, 1st road left on Millcreek School Rd Elvin W. and Lucinda M. Groff, Owners Robert E and Jeffrey R. Martin and Frank Steller, Auctioneers

FRI MAR 11 - 7 P M Horse Sale at New Holland Sales Stables, Inc , 12 Miles East of Lancaster, Pa just off Rt 23, New Holland, Pa For more information contact Abe Diffenbach, Mgr. 717 354-4341 or Norman Kolb 717-397-5538

SAT MARCH 12 - Public Sale of Farm Equipment, Located at 61 Clay Rd , Lititz, PA Clarence W Weaver, Owner. John E and Paul E Martin, Auctioneers

SAT. MARCH 12 - Public Sale of Farm Equipment Located near Lees crossroad, 6 mi. east of Shippensburg. Charles Strohn, Owner. Nevin Martin and Melvin Sensenig, Auctioneers

SAT MAR 12 - Public Sale of Farm Equipment located between Mt. Joy and Mastersonville along Meadow Road (1 mile SW of Mastersonville) near Chiques Church of the Brethren. Sale by Guy Stauffer Rufus K. Geib and Raymond Miller, Auctioneers

SAT MARCH 12 - 8 30 A.M. Public Sale of Household Goods, Farm Machinery, Livestock, Antiques and Quilts. 15th Annual Sale for Gordonville Fire Co Local Auctioneers.

MON. MARCH 14 - Public Sale of Farm Equipment located along School House Road just east of the Middletown exit of Rt. 283 Sale by J Allen Dehomey estate Raymond Miller and Rufus Geib, Auctioneers

THURS MAR. 17 - 11.00 A.M. Monthly Cow Sale at Mel Kolb, Inc , Maryland Farm, Woodsboro, MD

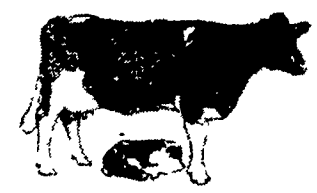
THURS MARCH 17 - Public Sale of Modern Farm Machinery and Personal Property Located at the farm, 572 Millway Rd , Lititz, PA, from Lititz go 1 mi north on Rt 501, turn east on Newport Rd , 2 mi. to Millway Rd , turn left to farm Estate of Jesse Balmer. Kline and Kreider, Auctioneers.

SAT. MARCH 19 - Public Sale of Full Line of Farm Equipment located along Route 501 Midway between Lititz and Lancaster Airport known as the Buckwalter Farm Sale by John Fisher, Rufus K Geib and Raymond Miller, Auctioneers

SAT. MARCH 19 - Public Sale of Cattle and Farm Machinery. Located ½ mi. south of Cains. Irvin Eberly, Owner. Steve Petersheim, Auctioneer

SAT. MARCH 19 - Public Sale of Farm Equipment. Household Goods, and Antiques, Located taking Rt. 30 west from Lancaster to Millersville-Rohrerstown exit, go through Rohrerstown to 1st farm on right. Raymond S. and Ruth E. Brubaker, Owners. John E. and Paul E. Martin, Auctioneers

SAT MARCH 19 - Public Sale of Farm Equipment and Etc. Located approx. 3 mi. north of Mount Zion, Lebanon County. Paul S. Hoover, Owner. G. Harvey Weik, Auctioneer



From all of us to all of you, we sincerely appreciate all the kind help and business you have given us this past year. We here at Shady Lane Dairy Sales wish every one a

Merry Christmas

and

Happy New Year

May the peace and brotherhood of the season extend throughout the New Year.

Sincerely

Glenn & Doris Fite David & Carol Fite
Matthew & Kathleen Fite

PUBLIC AUCTION

SAT. JAN. 8
at 10:30 A.M.
Tractor & Machinery Consignment Auction
to be held at our place of business on the corners of Rt. 38 and 38B, Newark Valley, NY

Approximately 25 tractors, plus all types of farm and construction machinery and trucks.
Call or write auction company for brochure.
Consignments welcome.

Sale managed by
Goodrich Auction Service
Newark Valley, NY
607-642-8688 or 8519

GOODRICH
AUCTION
SERVICE

Door prize - New 3 pt. blade

PUBLIC AUCTION

CONSTRUCTION EQUIPMENT
CARS, TRUCKS, LOADERS, ETC.
FRIDAY, FEBRUARY 11, 1983
11 A.M.
Felton, Delaware

Attention Contractors & Equipment Dealers
Consignments are now being taken.
Consign Now
Call or write us for consignments forms.

Chester Lee Carroll Richard B. Carroll
Anthony B. Carroll Harry Barrett, Jr. Sls. Mgr.

Carroll's Sales Co., Inc.

P.O. Box 307, Felton, Delaware 19943
302/284-4911 302/284-4541

END OF THE YEAR HOLSTEIN DAIRY COW SALE

FRIDAY, DECEMBER 31
1:00 Sharp

To be held at Smoketown Quality Dairy Sales Co., Smoketown, Pa. Rt. 340. 5 miles E. of Lancaster, 5 mi. W. of Intercourse.

2 LOAD OF REGISTERED AND GRADE COWS AND HEIFERS OUT OF NEW ENGLAND STATES AND CANADA CONSIGNED BY JOHNNY JR.

Reg. cow sired by Willow Farm Rockman Ivanhoe. She scored V.G. 85 pts. As a 5 yr. old made 17,000M over 600 fat, bred to Cal-Clark Board Chairman +23,662M +1.82 in type. The highest TPI bull in his breed. Daughs. average 19,310M, 696F.

Reg. born 1/16/80 Nicolk Sunshine Bold Chief TPI +207 +216M +53F. Daughs. average 16,494M, 3.9T, 643F.

Reg. Born 1/78 Kime-Farms Astronaut Lewie TPI +312 +12,000M +36F. Daughs. average 17,647M +3.59T 634F.

Reg. born 3/21/78 Paclamar Milestone VG. Daughters average 16,578M 3.75T 621F. GrDam 4 yrs. 14,040M 3.8T 537F; 5 yrs. 16,360M 3.7T 605F; 6 yrs. 16,210M 3.5T 560F.

4 REGISTERED VACCINATED HEIFERS

One Reg. Born 6/25/82 and one Reg. Born 5/19/82. Both Heifers sired by Elm-Smith Marques Mariner VG 87 +309 TPI +1522M +23F. Daughters average 17,417M 600F.

One Registered born 5/11/82 sired by Sweet Haven Lochinvar Boots VG 86 +209 TPI +1078M +22F. Daughters average 17,277M 3.6T 614F.

One Born 7/8/82 sired by Kler-Vu-Charisma EX92 +397 TPI +673M +20T +54F. Daughters average 16,153M 3.9T 634F.

2 Big Strong Fancy Heifers out of a herd with 19,000M.

Grade Heifers Dam's record 2 yrs. 11 mos. 305 dys 11,565M 4.7T 544F, 3 yrs. 11 mos. 305 dys. 16,515M 4.2T 715F.

In appreciation for your support this year a gift for every buyer.

Where Buyer and Seller Meet
"Cowtown in the Little Town of Smoketown"

Cows milked at regular time.
Cash or good check day of sale. *Heated Sale Barn*

Sale managed by
SMOKETOWN QUALITY DAIRY SALES CO.
GORDON & HELEN FRITZ
717-393-0930
Carl Diller & Paul Snyder, Auctioneers
Henry Kettering, Pedigrees

Wishing You And Your Families
A Very Merry Christmas And A Prosperous New Year

FARMERSVILLE AUCTION

Antique and Collectables Sale

NEW YEARS DAY - SAT., JAN. 1, 1983
9:00 A.M.

In Farmersville, 3 miles east of Brownstown, Lancaster County, Pa.

Amish Combine cupboard; Edison record player; Edison records; 2-3 pc. oak bedroom suites; 3 pc. sleigh bedroom suite, w/claw feet; lg. oak oval china closet; oak wash stands; 4 oak corner chairs; small wood box; 10 board ext. table (mint condition); set of 4 pressed back chairs; Bowers sideboard; 2 oak nursery rockers, oak hall table; oak library table, blanket chests; decorated rockers; cloverleaf table w/ball & claw feet; 2 field desks; wagon seat; 2 dropleaf tables; wooden rockers; 2 oak sideboards (1 w/lions heads); 3 rope beds; round oak pedestal table (as is); White tredle sewing machine; oak beds; 1920's china closet; Jenny Lindbed, walnut what-not shelf w/lions heads; Victorian bookcase; mahogany poster bed; fancy oak dresser; 2 birds eye maple chest of drawers w/mirrors; mahogany china closet; corner cupboard (as is); cottage dressers.

QUILTS

2 Amish; Log Cabin, plain white etc.; 6 new quilt tops; quilting frame.

Old manican w/beaded clothes & plume hat; 56 pc. Noritake dinner set; carnival dish, outside wooden house shutters; 2 Rayolights; The Greatest Moments of Life picture; bicycle, agate; wooden high chair; baskets; trunk; triple brass candleholders; salts; akro agate doll dishes; copper tea kettle; cups & saucers; Roseville bowl; 2 bisquit boxes; 1856 birth & baptism certificate; flame of life clock; organette; Lititz Springs pretzel can; chalk dog; hand wringer for old washer; buggy robes; crocks; 2 automobile headlights; pr. hanes; 2 sausage stuffers; fruit press; wooden duck decoy; new oriental rugs.

Dolls: 2-23" bisque head marked Dep. R6A; Composition: 24" Jerry Mahoney; 18" sweet Sue; 14" Effanbee Patsy; 18" unmarked; 12" Jo-Jo; corn husk doll; rag doll; rubber Hummel doll; other Hummel dolls; miniature dolls, (as is); bisque figurines; doll trunk; doll bed; miniature dry sink; Akro agate doll dishes.

Order of sale: small items first, Dolls & quilts between 12:00 & 1:00. We will start selling w/2 auctioneers in 2nd room at 10:00 a.m.

Call **JOHN J. RUTT**
717-354-5095

No Out of State Checks!

PUBLIC SALE

OF FARM EQUIPMENT
SATURDAY, JANUARY 1, 1983
At 10:30 A.M.

From Reading take Rt. 61 north through Leesport, watch for sale signs. Located at the north end of Centerport along Bern Rd., Centre Twp., Berks Co., Pa.

856 Int. Diesel w/Turbo; 674 Int. Diesel; D-17 Allis Chalmers, gas; 4600 Gehl Skid Loader (less than 3 yrs. old); Ferguson 30 Tractor w/3 pt. hitch blade; MF 410 Diesel Combine - 13' grain table & #33 Corn Head; M.F. 124 Pickup Baler w/bale thrower; C.B. 600 Gehl Harvester - corn & hay heads; N.H. 469 Haybine; New Idea 323 Single row corn picker; BW John Deere 28 Blade Transport Disc; 207 Hawk Bilt Manure Spreader; Walsh Trailer Crop Sprayer; Oliver 575, 4 Bottom, 16" Hydraulic Reset Plow; M.F. Dyna Balance 7' Trailer mower; 4 Row Oliver Corn Planter - liq. & dry hoppers; Gehl 95 Bu. Grinder-Mixer - 21" Mill; N.H. Rolabar 56 Hayrake; J.D. Ensilage Blower; 10' New Idea Lime & Fert. Drill; 2 McCurdy Grain Bins on New Idea Running Gears; John Deere 10' Pulvimulcher; Gehl 3 Beater 16' Forage Wagon; Dion 3 Beater 16' Forage Wagon; 3 - 18' Hay Rack Wagons w/Heavy Duty Running Gears; 1 - 16' Hay Rack Wagon; Niemeyer 16' Hay Tedder; Int. Flail Chopper; 10' Field Cultivator; 3 Sec. Rotary Hoe; Flat Wagon - N.H. Running Gear; Marting Manu-head Chute w/Hyd. lift on Wheels, like new; N.H. Wagon Running Gear; 30' Farmec Bale Elevator; Subsoiler for Allis Chalmers Snap Coupler; Onan 25KW Generator on wheels; 2 Speed 40 Ton Hyd. Press; Elec. Welder; Acetylene Torch; 2 Speed 4 Ton Hyd. Lift; Elec. Band Saw; Vulcan 3 pt. hitch Fertilizer Spreader w/attach. trailer; Snow Blade for H or M Farmall; 1100 Gal. Fert. Tank - poly; Pump w/elec. motor for Liquid Fertilizer, etc.; 4 Wooden Calf Hutches; Surge Alamo Vacuum Pump - used 2 yrs.; Wic Bedding Chopper; Bray Magnet Breedign Chart; No. 100 Int. Elec. Fencer; 12 hole Pig Feeder; Nuts, Bolts, Shovels, Forks, Chains, Items off Wagon. COME EARLY - Not many small items - Farm Equipment to be sold around 11:00 A.M.

Terms by:

ADEN & ANNA MARY OBERHOLTZER
Elton & Alvin Horning, Auctioneers
HORNING FARM AGENCY, INC.
Main St., Morgantown, Pa. 19543
215-286-5183

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Also Crippled & Down Cattle

MARLIN S. IRWIN
Quarryville, PA
PH: 717-786-3016

PUBLIC AUCTION

INDUSTRIAL EQUIPMENT
4 TRUCKS - 2 BACKHOE LOADERS & 3 TRAILERS
TUESDAY, DEC. 28
AT 10:00 AM

The following repossessed equipment stored at All Type Equipment will be sold on their premises located at 2202 R Conowingo Rd., Harford Co., Bel Air, Maryland (at intersection of MD Rt. 543 & US Rt 1) On:

4 TRUCKS

Two 1971 & One 1972 International 1890 Loadstar dump trucks; 1969 Chevrolet C-60 dump truck.

2 TRACTORS

Model 154 Leyland industrial tractor backhoe and loader; Case 530 industrial tractor backhoe and loader.

3 TRAILERS

3 General trailers, 1972, 1973, & 1977 - all tri-axle, 9 ton.

TERMS: Only cash or certified check. Immediate removal.

By Authority of:
HELTON'S RECOVERY SERVICE
William H. Amoss,
Auctioneer
Complete Auction & Appraisal Service
2037 Pleasantville Road
Fallston, Maryland 21047
Phone: 879-7272

Season's Greetings

from everyone in the Kolb organization. We would like to thank all of you for your friendship & patronage in 1982. May you & your families be blessed with a healthy & happy New Year.

Mel & Dennis Kolb

LANCASTER FARM MONTHLY COW SALE
1ST THURSDAY
JANUARY 6, 1983
AT 11:00 A.M.
717-569-6800
717-569-2106

MARYLAND FARM MONTHLY COW SALE
3RD THURSDAY,
JANUARY 20, 1983
AT 11:00 A.M.
301-898-7720
301-898-7663

PRIVATE SALES DAILY

Public Sales Register

Closing Date - Monday, 5:00 P.M of each week's publication

SAT. MARCH 26 - Public Sale of Farm Equipment, Business Equipment, Household Goods and Antiques. Located in York County, 4 mi. south of Cross Keys along Rt. 94 Emma Wetzel Estate Dennis J. Plukert, Auctioneer

SALE EVERY TUESDAY
Graded Sale
1st Tuesday each month
2 P.M.
Horse Auction
2nd Saturday each month
1 P.M.
FAUQUIER LIVESTOCK EXCHANGE
Marshall, Va.
703-364-1566

NOEL

May the faith, hope and spiritual warmth that this season brings be yours.

Merry Christmas

John Stauffer
Auctioneer
R.D. 6, Manheim
717-665-5099

APRIL

THURS. APRIL 7 - 11.00 A.M. Monthly Cow Sale at Mel Kolb, Inc. Lancaster Farm, 2220 Dairy Road, Lancaster, Pa.

FRI. APRIL 8 - Public Sale of Farm Equipment at New Holland Sales Stables, Inc. New Holland, Penna.

APRIL 15 - 7 P.M Horse Sale at New Holland Sales Stables, Inc., 12 Miles East of Lancaster, Pa. just off Rt 23, New Holland, Pa. For more information contact Abe Diffenbach, Mgr. 717-354-4341 or Norman Kolb 717-397-5538

THURS APR 21 - 11.00 A.M. Monthly Cow Sale at Mel Kolb, Inc., Maryland Farm, Woodsboro, MD

SAT. APR 23 - 17th Colonial Charolais Spring Sale. Located at the fairgrounds, Frederick, MD. Sponsored by the Colonial Charolais Assoc Managed by Buzz Garey, Cattle Sales, Inc, 100 Walnut Lane, Morrisville, PA 19067

FRI APRIL 29 - 6 P.M Special Heifer Sale Located at the Belleville Livestock Market

SAT APRIL 30 - 3rd Annual Spring Public Auction of Hardware Items and Lawn and Garden Equipment by Farmersville Equipment Inc, Farmersville, Pa

MAY

THURS MAY 5 - 11.00 A.M Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, Pa

MAY 6 - 7 P.M Horse Sale at New Holland Sales Stables, Inc, 12 Miles East of Lancaster, Pa just off Rt. 23, New Holland, Pa For more information contact Abe Diffenbach, Mgr 717-354-4341 or Norman Kolb 717-397-5538

THURS MAY 19 - 11.00 A.M. Monthly Cow Sale at Mel Kolb, Inc, Maryland Farm, Woodsboro, MD

JUNE

THURS JUNE 2 - 11:00 A.M Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, Pa

THURS JUNE 16 - 11.00 A.M Monthly Cow Sale at Mel Kolb, Inc, Maryland Farm, Woodsboro, MD

SAT. JUNE 25 - Colonial World Class Sale Located at Stone-Del Charolais Farms, Hartville, Ohio The Colonial Charolais Association Managed by Buzz Garey, Gary Cattle Sales, Inc., 100 Walnut Lane, Morrisville, PA 19067

JULY

THURS JULY 7 - 11.00 A.M Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, Pa

THURS JULY 21 - 11.00 A.M Monthly Cow Sale at Mel Kolb, Inc., Maryland Farm, Woodsboro, MD

AUGUST

THURS AUG 4 - 11.00 A.M Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, Pa

THURS AUG 18 11.00 A.M Monthly Cow Sale at Mel Kolb, Inc, Maryland Farm, Woodsboro, MD

SEPTEMBER

THURS SEPT 1 - 11.00 A.M Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, Pa

THURS SEPT 15 11.00 A.M Monthly Cow Sale at Mel Kolb, Inc, Maryland Farm, Woodsboro, MD

OCTOBER

THURS. OCT 6 11.00 A.M Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, Pa

THURS OCT 20 11.00 A.M Monthly Cow Sale at Mel Kolb, Inc, Maryland Farm, Woodsboro, MD

NOVEMBER

FRI NOV 4 11.00 A.M Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, Pa

THURS NOV 17 - 11.00 A.M Monthly Cow Sale at Mel Kolb, Inc, Maryland Farm, Woodsboro, MD

DECEMBER

FRI DEC 2 - 11.00 A.M Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, Pa

PUBLIC AUCTION

MODERN 110 ACRE DAIRY FARM
MODERN FARM EQUIPMENT
TUES. JAN. 18, 1983
at 11:30 A.M.

Between Boyertown and Oley, 2 blocks west of the Village of Pleasantville, turn off Rt. 73 onto Blacktop North to 1st lane right to farm, Berks Co., PA.

REAL ESTATE

110 acre limestone soil dairy farm, approx. 80 acres tillable, balance meadow, pasture, land with large Maxatawny stream flowing through property.

2½ story stone 3 bedroom house with modern kitchen, bath, heat and other conveniences. A large 76 Showease stall barn w/Patz continuous flow gutter cleaner, 800 gallon milk tank and Delaval pipeline milker, larger part of barn recently built, attached milk house and office.

(2) 20'x70' concrete silos, one is airtight with bottom unloader; 14'x35' poured concrete silo, large equipment shed and others, heifer shed, plus cattle shed in pasture. Lot of road frontage. This is a chance to buy a very fine dairy farm.

For inspection call 215-987-3700 between 6-9 A.M. and 4-7 P.M.

Terms - 10% day of auction, balance by March 15, 1983.

Ordered by,
KEVIN L. & LOIS A. HERTZOG
Conducted by
Ralph W. Zettlemoyer Auction Co., Inc.
(215) 395-8084

SPECIAL HORSE SALE
DRAFT HORSES, MULES & DRIVING HORSES
FRIDAY, JANUARY 7, 1983

Tack 9:00 A.M.
Sale 10:00 A.M.

AT NEW HOLLAND SALES STABLES, INC.

12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa.

2 Load Draft Horses and Mules consigned by Ward Wright.

1 Load Draft Horses consigned by Bud Leonard.

1 Load Draft Horses consigned by Jim Howard.

1 Load Draft Horses consigned by Christ Smucker.

1 Load Draft Horses consigned by Bill Meadows.

1 Load Driving Horses consigned by Clayton Waterbury.

1 Load Driving Horses consigned by Elam B. Stoltzfus.

1 Load Driving Horses consigned by Reuben Stoltzfus.

1 Load Driving Horses consigned by Jonas Beiler.

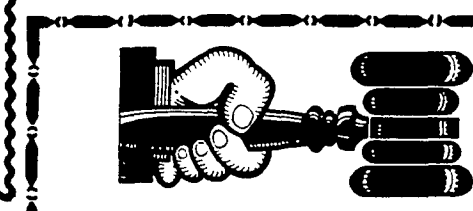
1 Load Driving Horses consigned by Levi B. Stoltzfus.

1 Load Saddlebred Horses consigned by Ben King.

1 PAIR REGISTERED SORREL MARES - 7 and 8 YEARS OLD IN FOAL.

Plus many more consignments.

For more information contact:
Abe Diffenbach, Mgr. 717-354-4341
Norman Kolb 717-397-5538
Next Horse Sale January 21, 1983



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For us Men

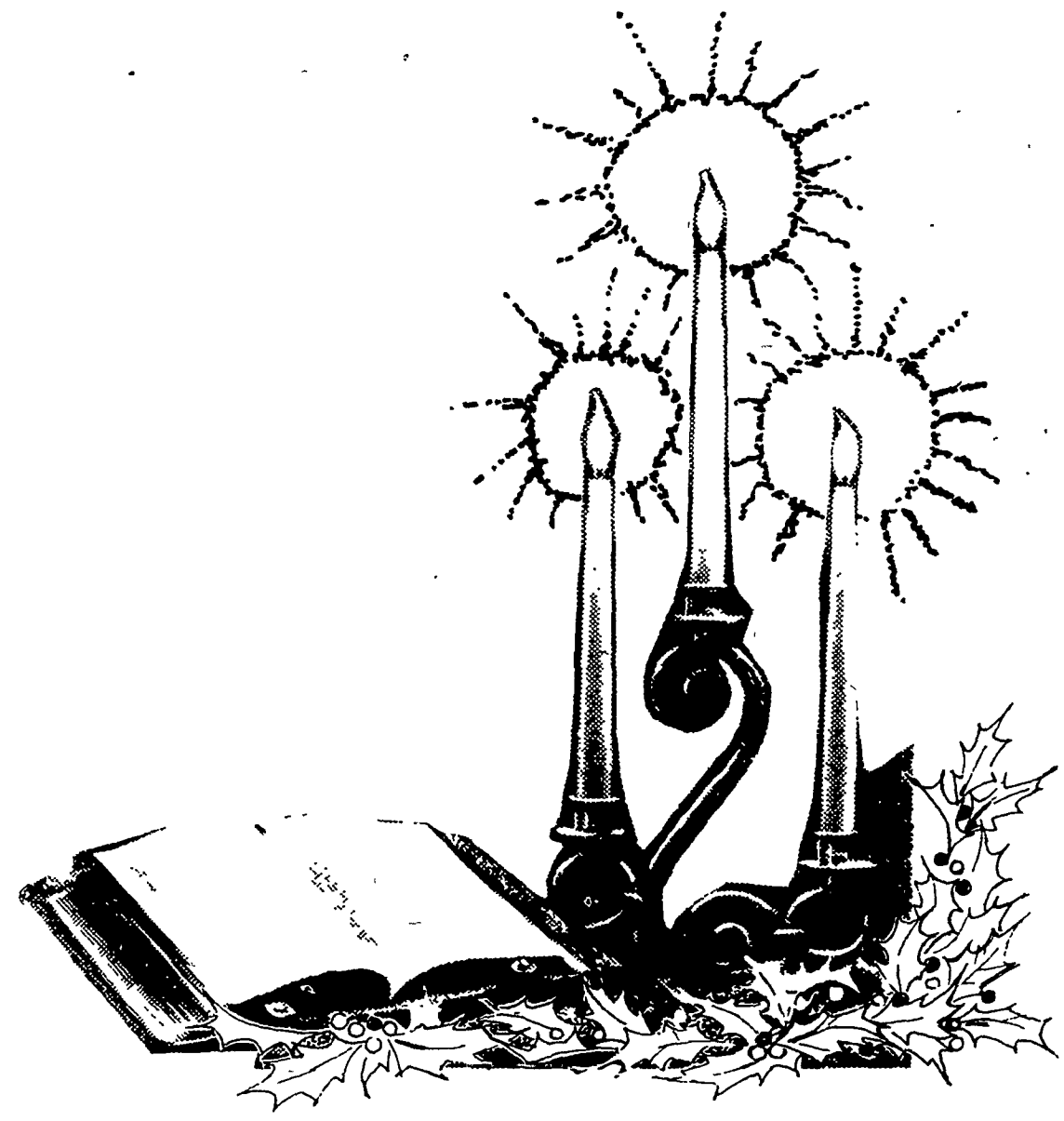
And For Our Salvation

He Came Down From Heaven

By The Power of the Holy Spirit

He was Born of the Virgin Mary

And He Became Man



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HIGH BROS.

K & K FEED INC.

KEYSTONE MILLS

SOUTHERN DIVISION
West Willow Farmers Assoc Inc

UMBERGER'S MILL

W.L. MUMMERT CO.

Anthony's Feed Mill

WEST WILLOW
FARMERS ASSN., INC.

M.G. HENNINGER & SON, INC.

J.P. ANIMAL SUPPLY

May All the Joys of the Christmas Season Be Yours

Let us rejoice as we reflect on the true meaning of Christmas and the spirit with which we accept His most precious gifts. This is a day to realize His message of love, peace and faith everlasting as we experience the joy of giving...and the treasures we share through dear friends and loved ones. May all the gifts of the season by yours.

WAYNE FEEDS
WAYNE ANIMAL HEALTH AIDS

JAMES BALMER
Wholesale Specialty Feed Distributor
Manheim PA 717-665-2011

DUTCHMAN FEED MILL, INC.
R1, Stevens, PA 717-733-3020

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113 E. Reliance Road
Souderton, PA 18964 215-723-6001

NOLTS MILL
Witmer, PA 17585 717-393-1369

TWENTY-TWO FEED MILL
Lenhartsville, PA 19534 215-756-6375

ANDERSON BROS.
New Park, PA 17352 717-382-4472

VAN - MAR FEEDS, INC.
West on Miller St.
Shoemakersville, PA 215-926-2121

BRANDT'S MILL
830 Maple Street
Lebanon, PA 17042 717-272-6781

MANOR FARM SERVICE
RD 2, Lancaster, PA 717-872-4613

WHITE OAK MILL
R5, Manheim, PA 17545 717-665-2288

POWL'S FEED SERVICE
Peach Bottom, PA 717-548-2376

Farm Business News

CEVA to market estrus synch product

OVERLAND PARK, Ks. — CEVA Laboratories, Inc. has announced that the Food and Drug Administration has granted clearance to the company permitting the sale of its new estrus synchronization product, Syncro-Mate-B. At the present time, clearance pertains only to the use of the product for estrus synchronization in beef and dairy heifers.

Syncro-Mate-B is one of the most thoroughly-tested new drugs ever to be released to the cattle industry. Trials spanned 10 years and included testing of the product on more than 5,000 heifers.

Unlike presently available heat synchronization products which contain the hormone prostaglandin, Syncro-Mate-B contains two hormones, norgestomet (a patented, potent progrestim) and Estradiol.

CEVA claims that the product produces much tighter estrus synchronization than the prostraglandin products. This enables the producer to utilize the concept of breeding without heat detection, or mass-mating, to its full advantage.

Other key differences with the prostaglandin products include the facts that Syncro-Mate-B can be administered anytime in the cycle and that the drug has been shown to induce cycling activity in non-cycling animals.

Dr. Ernie Henderson, Manager of Technical Services for Syncro-Mate-B at CEVA, says it offers these benefits to the producer: "The concept of mass mating following Syncro-Mate-B treatment allows the producer to take fullest advantage of the genetic potential of artifical insemination without the burdens of extensive heat checking. For the cattleman, this can result in earlier calves, more uniform calves and heavier calves at weaning -- all without the extensive labor requirements of breeding by heat detection. And all this translates directly into more pounds of beef which can be profitably produced by the cattleman. For the dairyman, use of Syncro-Mate-B can also make the use of A.I. more practical as well as helping him better concentrate his labor requirements.

"Heifers can benefit greatly from Syncro-Mate-B treatment. This is because the cattleman or dairyman can select proven A.I. sired with good ease of calving records. He can make a genetic jump ahead with his replacement animals and therefore operate more efficiently in the future."

A new Producer's Handbook is currently available to help producers better understand the drug's potential and use. CEVA plans to hold an extensive series of producer meetings throughout the country this Winter and Spring to educate producers on the proper use of the product.

Initial plans call for the product to be marketed through major artificial insemination studs as well as through selected animal health distributors.

CEVA Laboratories, Inc. is a diversified manufacturer and marketer of animal, poultry health and sanitation products. For additional information, contact: John Olsen, Marketing Manager, Syncro-Mate-B; CEVA Laboratories, Inc., 10551 Barkley, Suite 500, Overland Park, Ks. 66212.

Seedmen elect

Three directors were elected by the Pennsylvania Seedmen's Association at the group's annual meeting last Friday at the Treadway Resort Inn, Lancaster.

They include, from the left, Hugh R. MacWilliam, vice president and general manager of Beachley-Hardy Seed Co., Shiremanstown; H. Eugene Hohl, of the Scarlett Company, Baltimore, Md.; and Elmer Applegate, of Hoffman Seeds, Landisville. Moving up to the president's slot for the coming year was Henry Reist, of the Reist Seed Co., Mount Joy.

100 Agway chairmen attend talks

CAMP HILL — About 100 chairmen of local Agway committees in Pennsylvania, New Jersey, Maryland and Delaware attended the annual Agway Council meeting last Thursday and Friday in Camp Hill.

The Council members are chairman of local Agway committees which serve in an advisory capacity for each Agway store and petroleum facility. All are full-time farmers. Richard Croner, chairman of the board of Agway Inc., outlined the duties and responsibilities of the board of directors and member committees.

William A. Hiller, president and general manager, outlined the challenges facing the 110,000 member farm supply and food marketing cooperative and presented plans which include development and implementation of at least cost distribution system to serve Northeast farmers.

Hiller explained that just as farmers are changing the way they operate their businesses, Agway is changing to insure its continued leadership in providing farm inputs, energy related products and services, and the marketing of selected processed food items.

The farmer leaders reviewed plans which include more direct farm delivery of feed, seed and fertilizer; increased use of contract haulers, especially in petroleum products; a farm center concept for consolidating some Agway facilities to serve a larger geographic area; and expanded regionalized approach by management.

"We have a tremendous advantage as a farmer-owned cooperative because of the open and frank discussion of issues and plans which help Agway better serve its farm customers in the Northeast," said Hiller.

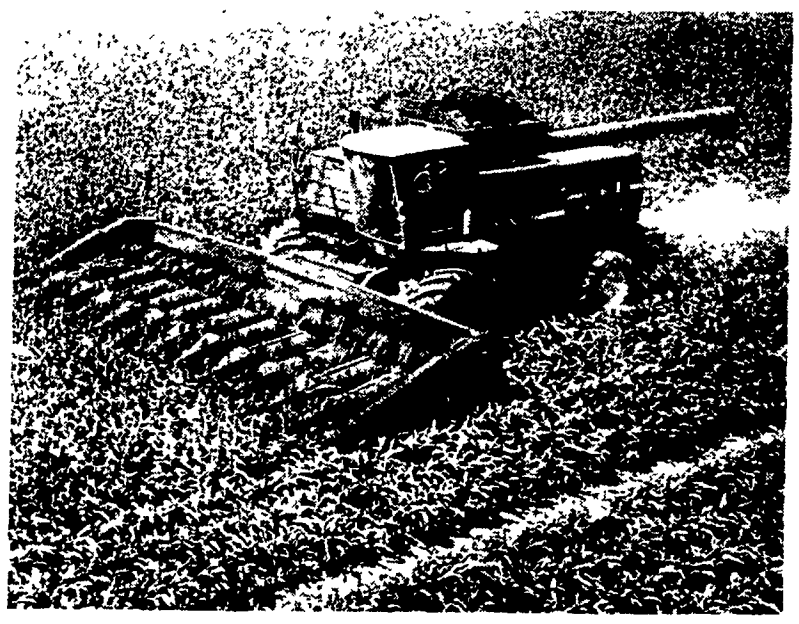
The Camp Hill meeting is one of three Agway Council meetings held in December each year.

Deere improves combines

MOLINE, Ill. — Two new row-crop heads, 8-row wide and 12-row narrow for the 8820, head the list of significant improvements for John Deere combines for 1983.

The new heads allow operators to utilize the full potential of the 8820 in such crops as soybeans, sorghum, and even sunflowers. Both sizes feature proven low-profile header design which permits fast ground speeds with virtually no header losses. Angled, floating-point gatherers gently slide under lodged crops guiding them to variable-speed gathering belts which grip the stalks firmly to assure smoother, continuous feeding. Because there is no reel, there is very little shatter loss.

Other improvements include a HarvesTrak monitor, optional on all self-propelled John Deere combines except the 4420, which tells the operator whether he is overloading or underutilizing the combine's capacity; dualrange cylinder drive, offering cylinder speeds from 350 to 1240 rpm, standard equipment on all "Titan" models except the 4420; and high-flotation 73x44-32 tires, available as optional equipment on 7720 rice combines and the 8820.



New 12-row narrow (shown) and 8-row 50 Series Headers will be available in 1983 for use on John Deere 8820 combines.

Farm-City Council annual meeting Jan. 24

CAMP HILL — The Pennsylvania Farm-City Council will conduct its annual meeting Jan. 24 at the Penn Harris Motor Inn, Camp Hill, beginning with a luncheon at noon.

The agenda includes the adoption of new by-laws and election of officers for 1983. All members of the Pennsylvania Farm-City Council are invited to attend.

Tickets are $8 per person and can be obtained from Bruce Kelley at 717/761-2199. Reservation deadline is Jan. 20.

Dairy Pipeline

By
Glenn A. Shirk

Extension
Dairy
Agent

Recovering The 50-Cent Deduction

Now that the 50 cent deduction is in effect, you may find it necessary to scramble for more income to pay the bills. In desperation, be careful that you don't grasp for the wrong straws. Try to keep a cool head and think your way through your predicament.

Your first reaction might be to add a few more cows. This will give you more income, but it also increases your expenses, especially if you have to purchase more feed, if you end up purchasing cows, if you keep cows that should be culled, if you have to expand your facilities, or if you end up cutting your milk price still further by producing milk in excess of your base.

Now would be a good time to set down and develop a management plan for your herd, one that will guide you along a route to more profit. Of course, it's not done quite that easily. It takes a lot of thought. As you develop your plan, talk to knowledgeable people and successful farmers, and decide what will work for you and what you are willing to try.

Write the plan down as a constant reminder to yourself, to your farm hands, and to all the service people who call upon you. Develop a lot of mini plans - one for feeding, one for heifers, one for dry cows, one for fresh cows in early lactation, one for herd health, etc. Refer to them frequently and revise them as needed.

Feed - Your Biggest Expense

Costs related to the production, harvesting, storing and purchase of feeds is the largest single item of expense on most dairy farms. Because of this, producers are constantly looking for ways to cut feed costs, especially purchased feeds. This is generally a good goal, but it has to be pursued with great caution - with your eyes wide open.

A cheap ration can end up being very expensive if it results in less production, poorer conception, and a general decline in overall health of the herd. Conversely, an expensive feeding program does not necessarily guarantee success and profit.

As you think about changing feed programs or about growing more grain in an effort to reduce feed purchases, think carefully about the broad impact of such decisions. There is more to consider than just simply reducing feed purchases. Consider the acreage required to grow the grain. How will this affect the total number of cows your farm will be able to support?

An acre of forage will generally support more cows than an acre of grain; that means more milk income per acre. Also, you can buy grain, at current prices, almost as cheap as you can grow it. Forages, on the other hand - especially hay, are generally much more expensive to buy than to grow.

As you consider switching to a different kind of feeding program, think about how this will affect your machinery and storage costs. These are feed costs, too, even though you don't pay the feed company. You could simply be switching costs from one pocket to another. Rather than reducing feed costs, you may actually be increasing your costs. If the switch will reduce field and storage losses, if it will help you improve feed quality and feed efficiency, then the switch might be warranted. But, be careful you don't spend more than what you save.

(Turn to Page C6)

2 get Hubbard scholarships

Robert H. Garland, plant manager of Hubbard Farms, Lancaster, announces that two Penn State students had been selected for $600 scholarship awards made through the Hubbard Farms Charitable Foundation. The recipients, poultry science majors, are Marie D. Doletski and Charles W. Kessler. Also shown in photo is Mrs. Garland.

The scholarship foundation was established by Hubbard to provide funds for poultry science college students in state universities where Hubbard plants are located.

..Seasons Greetings

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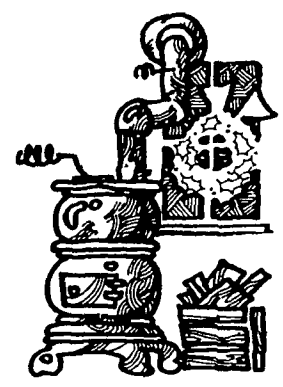
Equine breeding info available

NEWARK, Del. — Horse owners interested in breeding their animals will find useful information in a new publication from the University of Delaware Cooperative Extension Service. The 16-page illustrated booklet "Equine Reproduction" was written by Delaware Extension equine specialist C.M. Reitnour.

The publication includes tips on managing breeding stock to improve reproductive efficiency. Diagrams explain the reproductive systems of mares and stallions.

For a copy of the publication, write to the Mail Room, Agricultural Hall, University of Delaware, Newark, DE 19711. Ask for Extension Bulletin 128. It's free to Delaware residents, and $1 to all others.



Lancaster County DHIA Monthly Report

dhia — Pennsylvania Dairy Herd Improvement Association

NOVEMBER 1982

A Holstein cow owned by Weaver Homestead Farm, R. #1, New Holland, completed the highest 305 day lactation 12 produced 27,308 lbs. of milk, 1,173 lbs. of butterfat with a 4.3% test Second high lactation was completed by a Registered Holstein cow owned by Clyde W. Martin, R. #1, East Earl. Pearl 2 produced 28,196 lbs. of milk, 1,063 lbs of butterfat with a 4.3% test in 305 days

First 305 days of lactation with 700 or more lbs of butterfat.

OWNER NAME OR NUMBER	BRD	AGE	DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Weaver Homestead Farm						
12	GrH	6-4	305	27,308	4 3	1173
38	GrH	3 4	305	26,020	3 9	1019
90	GrH	5-2	305	23,396	3 9	923
32	GrH	2-3	305	17,492	4 4	778
26	GrH	4-0	305	19,938	3.7	747
87			305	19,758	3.6	708
Clyde W Martin						
Pearl 2	RH	7-1	305	28,196	3 8	1063
Keeno	RH	6-2	305	20,697	3.9	799
Plum	RH	6-6	284	21,958	3.2	705
J Robert Kindig						
Iona	RH	5-1	305	24,826	4.2	1048
Tammy	RH	11-6	305	18,408	4.0	737
Titus B Stoner						
Cindy	RH	7-5	305	26,941	3.8	1032
Tritown Farm						
Tim	RH	8-3	305	29,942	3.4	1024
Raymond W. Horning						
154 Jr.	GrH	6-2	305	22,909	4 3	992
Ellis D. Kreider						
Lily	GrH	5-6	305	25,512	3 8	975
153	GrH	3-11	305	18,504	4.3	801
162	GrH	3-4	305	19,672	3.7	721
Bonnie	RH	6-7	281	17,702	4.0	706
Ray P. Bollinger						
Olive	RH	7-4	305	24,920	3 9	967
Linda	GrH	4-3	305	22,063	4 0	877
Hollow	RH	4-11	305	17,485	4.2	732
Kreider's & Nickle						
161	GrH	7-9	305	20,861	4.6	965
140	GrH	8-9	305	23,420	4.0	935
52	RH	9-8	305	22,526	3.8	857
89	RH	3-4	305	22,894	3.4	789
Ben S Stoltzfus						
Pearl	RH	6-1	304	22,723	4.2	958
Whity	RH	7-2	305	22,059	4.1	909
Nelson R. Habecker						
25	RH	9-5	305	24,619	3.9	953
57	RH	4-6	291	19,517	4.1	796
47	GrH	7-2	305	19,655	3.7	728
Christian E. Riehl						
Susie	RH	5-2	305	25,231	3 7	943
Paul H. Martin						
Gladys	RH	3-4	305	22,241	4.2	943
Curtis E. Akers						
Peggy	RH	4-11	305	27,788	3.4	938
Pandora	RH	9-11	305	22,766	3 3	756
Jay E. Landis						
Lady	RH	4-11	305	22,484	4.1	932
Lynda	RH	7-1	305	22,533	3.7	826
Better	RH	6-5	305	21,471	3 5	753
Curvin W. Nolt						
24	RH	5-1	305	24,603	3.8	931
Glenn F Shenk						
Farrah	GrH	4-3	305	24,476	3.8	930
Rosie	GrH	4-9	305	23,303	3 4	795
Shell	GrH	6-3	305	20,639	3 7	768
Lori	GrH	6-7	305	17,162	4 2	723
Shelia	RH	3-1	305	19,252	3 7	712
Robert L Shelly						
Peace	RH	5-6	305	22,935	4 1	929
Elmer M High						
57	RH	6-5	305	24,406	3 8	920
66	GrH	2-5	305	18,867	4 3	815
Spring Lawn Farm						
18	RH	4-5	305	19,316	4 8	918
120	RH	2-11	305	21,554	3 8	822
147	RH	7-7	291	17,498	4 4	764
39	RH	4-2	305	20,711	3 7	758
35	RH	4-1	305	21,011	3 5	735
John K. Peters						
Connie	GrH	6-11	305	22,977	4 0	916
Anita	GrH	5-2	292	23,886	3 5	844
Abram M Stoltzfus						
Hazel	GrH	5-9	305	24,766	3 7	909
Lynn	RH	4-5	305	20,097	3 6	716
Benuel F Stoltzfus						
Jean	GrH	4-6	305	24,035	3 8	908
Jerky	GrH	6-1	305	21,032	4 0	836
D Lamar Witmer						
Jill	RH	4 11	305	25,774	3 5	906
Dandy	RH	5 10	305	22,804	3 9	888
J M Stoltzfoos						
Pride	RH	5 6	305	23,607	3 8	901
Fan	RH	2 6	305	17,227	4 2	723
Earl E Martin						
Snowball	RH	4 10	305	22,972	3 9	901
Patty	RH	5 4	305	18,666	4 0	739
Daniel M Stoltzfus						
Lad	GrH	3 2	305	18,365	4 9	900
Cindy	GrH	3 1	305	19,175	3 7	700
John Z Beiler						
Polly	RH	4 3	305	24,115	3 7	897
Princess	RH	2-11	304	25,038	3 4	856
Clair M Hollinger						
Wint 163	RH	3 7	305	19,615	4 5	892
Nathan E Stoltzfus						
Opal	RH	8 7	305	20,755	4 3	890
Kathra	RH	4 2	305	21,679	3 9	840
Felicia	RH	10 4	305	19,927	3 8	762
Frisky	RH	6 4	305	19,987	3 6	710
Audrey	RH	3-4	300	17,796	4.0	710
Glenn E Burkholder						
Kathy	RH	6-6	305	21,204	4.2	890
Evelyn	RH	6-5	305	25,691	3.4	878
Lady	RH	9-5	305	23,459	3 6	846
Tulip	RH	7-4	305	23,196	3.2	732
J Ray Ranck						
Sport	GrH	6-4	305	20,695	4.3	889
Ru Be Mar Farms						
14	RH	6-11	305	26,921	3.3	887
Robert H. Kauffman						
Betsy	RH	4-2	305	22,571	3.9	883
John S Beiler						
Sue	RH	4-8	305	25,540	3.4	881
Twinkle	RH	8-4	305	24,386	3.3	795
Min	RH	9-0	305	21,284	3.4	725
J. Wade Groff						
Darlene	RH	5-6	305	22,748	3 9	880
Zebrela	RH	8-4	305	17,212	4.3	742
John U Glick						
Lena	RH	5-6	305	21,565	4 1	876
Spring Belle Farm						
Mareeta	RH	5-2	305	21,684	4.0	872
Arline	RH	10-9	305	21,323	4.0	858
Prilly	RH	6-4	305	19,979	4.1	817
Shellenberger Bros.						
Danica	RH	3-4	305	20,468	4.3	872
Debra	RH	2-3	305	19,088	3.9	735
Suzetta	RH	6-4	305	22,371	3.2	720
H. Landis Weaver						
Elneda	RH	6-8	305	24,855	3.5	865
Naaman W Stoltzfus						
Trouble	RH	3-9	305	22,189	3.9	864
Maggie	RH	4-9	305	19,776	4.1	805
Melvin L. Beiler						
Bubbles	RH	9-2	305	20,174	4.3	860
Jiffy	RH	3-10	305	19,308	4.2	818
Dandy	RH	10-2	305	17,994	4.0	715
Hammercreek Holstein						
25	GrH	4-5	305	25,185	3.4	859
749	GrH	5-1	305	22,898	3 3	767
518	RH	5-4	305	20,693	3.7	764
23	GrH	4-1	291	19,823	3.8	747
LeRoy S. Musser						
63	GrH	4-11	305	23,454	3.7	859
33	GrH	4-2	305	21,235	3.8	806
King-Ridge Farm						
Gale	RH	4-5	305	28,903	3.0	858
Earl S Weaver						
Sally	GrH	5-3	305	23,633	3.6	857
Harry Zimmerman Jr.						
Bee	RH	3-1	305	21,185	4.0	857
Ira Heistand & Sons						
Helen	GrH	6-4	305	20,385	4.2	856
Cedar Fringed Farm						
Sallie	RG	5-0	305	19,788	4.3	855
Lilly	RG	6-6	305	17,402	4.8	840
Dal Car Farm						
161	GrH	5-7	305	23,144	3.7	853
173	GrH	4-4	304	19,433	3.6	702
Hiram S. Aungst						
Tab	RH	3-3	305	20,227	4 2	852
Kenneth D. Myer						
Carol	RH	6-0	305	20,751	4.1	849
Pam	RH	4-2	305	20,056	4.2	844
Angela	RH	4-9	287	20,993	3.8	796
Donna	RH	8-9	287	18,728	4.1	777
Edgefield Farms						
Betty	RH	5-1	305	21,310	4.0	848
J. Clayton Charles						
Olli	RH	7-2	305	23,704	3.6	847
Lena	RH	6-8	297	24,615	3.2	788
Debbie	RH	6-11	305	21,731	3.5	750
Bennie L Fisher						
Esther	RH	6-0	305	21,646	3.9	844
Samuel F. Long						
Barb	RH	5-7	305	20,787	4.1	844
Amy	RH	5-0	305	23,935	3 3	786
Kenneth B Garber						
Ivory	RG	4-4	305	16,329	5.2	844
Melvin M. Groff						
Mary	GrH	9-4	305	24,454	3.4	843
Harold L Weiler						
2	GrH	6-2	305	23,505	3.6	843
Josie	RH	7-4	305	22,361	3.5	793
Benuel S. Stoltzfus						
Eugena	GrH	3-1	305	19,891	4.2	843
Becky	GrH	8-3	305	22,123	3.8	836
Marette	GrH	4-4	294	24,455	3.3	795
C. Hurst & J Sensenig						
101	GrH	3-9	305	20,650	4.1	841
Benuel Z. Lapp						
Dora	RH	7-3	302	20,055	4.2	837
Annie	RH	3-6	295	21,049	3.9	818
Star	RH	2-5	305	24,571	3.1	766
Duchie	RH	7-5	305	19,557	3.6	709
James S Brubacker						
Loraine	GrH	8-2	305	20,695	4.0	836
John L. Landis						
47	RH	4-3	305	19,953	4 2	835
104	GrH	7-2	305	23,147	3.4	791
194	RH	4-2	305	21,888	3 5	770
100	RH	3-1	305	22,771	3 3	758
123	GrH	5-3	266	23,888	3 1	748
25	RH	4-4	305	20,337	3 7	745
165	GrH	4-3	305	24,725	3 0	733
181	GrH	3-11	305	16,875	4 2	703
E R & R E Denlinger						
Freda	RH	8 5	305	19,225	4.3	834
Loren L Zimmerman						
Beverly	RH	3-11	305	22,910	3 6	831
Lorna	RH	12-9	305	18,448	4.1	754
Lorene	RH	7 8	305	20,828	3 5	728
Raymond E Reitz						
Kaye	GrH	3 2	305	18,897	4 4	828
Nelson H Wenger						
Megan	RH	5 4	305	22,388	3 7	826
Alma	RH	4 10	305	17,147	4 5	767
Inka	RH	2 2	305	17,124	4 2	718
J Earl Horst						
R Sandra	RH	4 4	294	23,337	3 5	824
Elmer & Kerry Boyd						
Amy	RH	2 9	305	25,722	3 2	822
Richard N Sauder						
Polly	RH	4 1	305	22,037	3 7	822
J S Smucker & Sons						
330	RH	3 4	305	21,331	3 9	822
304	RH	3 9	305	18,778	4 2	790
335	RH	3 9	287	18,280	4 2	763
Abraham Shelly Jr						
Ivy Jr	RH	7 8	305	23,611	3 5	821
Foxy	RH	5 2	305	20,464	3 6	744
Richard B Hess						
73	GrH	6 0	277	22 234	3 7	821

(Turn to Page C7)

See your nearest

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The SPERRY NEW HOLLAND Dealers in your area wish you a MERRY CHRISTMAS and a Happy New Year!

Dairy Pipeline

(Continued from Page C3)

Quick Returns at Least Cost

If cash flow is your problem, the last thing you need is more debt! What you need is a good quick return at least cost. The best way I know of attaining this is by putting good quality feeds through high producing cows - make that a goal in your farm plan.

The highest levels of production may not be the most profitable, but high levels of production generally are more profitable. High producing cows require the best of care, and not every dairy farmer has the ability nor the dedication that is necessary to sustain high levels of production in a herd. At high levels of production, the herd can fall apart quickly if it is not cared for properly, and that can be expensive.

High production can be thought of as playing in the big leagues. There is little room for error. In other words, you have to learn to play like a big leaguer; you have to know what you are doing, or follow the advice of someone who does.

Good cows also give a quicker return on the feed dollar than do heifers, unless you are selling a lot of high priced breeding stock. For most producers heifers are nothing more than a necessary expense for obtaining herd replacements. Feeding more heifers than they need is an unnecessary and added expense.

Stunting heifers by raising them in over-crowded, poorly maintained, stuffy facilities, or underfeeding them and neglecting them can be very costly. Holding heifers off so they'll calve at an older age is also expensive.

If you are short on land, facilities, and feed, and if you need to improve cash flow, you'll probably do better feeding fewer heifers and more cows, even if you have to purchase a few replacements. True, it is cheaper to raise replacements than to buy them, but it may not be more profitable.

By feeding two less heifers and giving that feed to a good cow you may be able to quickly improve your cash flow situation by as much as $1200, even after buying some additional feed which the cow will need. Needless to say, reducing the size of the heifer herd has to be done with caution. You still need replacements, good replacements, to take the place of cows that should be culled.

This figure simply indicates that good cows are more profitable than heifers. It is expensive to keep more heifers than what you need, especially if you stunt them in the process. With a $1200 margin to play with, it may pay you to just milk cows and buy your replacements, especially if you are short on home grown feeds and can find good healthy replacements for a good price.

If you are over-crowded and short on feed, and have more heifers than you really need, concentrate your efforts on raising fewer, but growthier heifers. Reduce the size of your heifer herd. Give the extra feed to the remaining heifers. You won't save any feed, but chances are, the remaining heifers will mature faster, calve earlier, produce better and stay in the herd longer.

And, if they stay in the herd longer that reduces your expenses because you have less need for replacements, and the heifers will reward you with extra profit-making lactations in their lifetime. It could mean as much as five times more profit per year of life if the growthy heifer calved 6 months earlier, maintained a 2000 pound production advantage each lactation, and stayed in the herd two lactations longer than a stunted heifer!

Concentrate on keeping the milking herd healthy and productive so they'll stay around longer. It requires about two lactations for most cows to break even in their lifetime; that's a long time! Thus, a four-lactation cow will earn you at least twice as much profit as a three-lactation cow. A six-lactation cow will be at least four to five times more profitable, and will require only half as many replacements.

The older cows are also more productive as they reach maturity. That generally means more profit with each succeeding lactation. So, as we try to improve short term profits, let's also invest in long term profits, too. Breed for good sound, productive cows. Develop a good preventive herd health program that helps heifers calve earlier, helps cows to conceive better, helps to keep mastitis down, and helps to keep cows in the herd longer.

Of course, you'll also need a good feeding program and the best of care if you expect your cows to reach their genetic potential.

MMI returns $1.65 million to members

STRONGSVILLE, Oh — Nearly $1.65 million of equity refunds will be returned to the dairy farmer members of Milk Marketing Inc. during the month of December, according to Don Schriver, director of membership relations and public affairs for MMI.

The board of directors has approved the cash returns to the members at the recently held board meeting in Strongsville, OH, home office location of MMI.

"With this refund for 1982 the total redemption from MMI to its members will be more than $9.3 million since MMI was organized in 1978," said Schriver.

The current redemption will be to members and inactive former members who had been with the Miami Valley Milk Producers Association, Central Ohio Cooperative Milk Producers, MILK, Inc., Cincinnati Cooperative Milk Sales Association Inc., and Wayne Cooperative Milk Producers Inc. under a plan developed before the 1978 merger. All equities with the total value of more than $18 million from the predecessor cooperatives will be redeemed by 1988, according to Schriver.

"This is in line with board policy to have a 10 year revolving plan for member financing of the cooperative. The ability to redeem member equities is the result of MMI's commitment to keep the ownership in the hands of the users. Redemptions are paid 100 percent in cash," explained Schriver.

The December 1982 refund figures do not reflect patronage refunds for the year ending June 30, 1982. Additional allocations will be determined by the MMI board of directors at a later date.

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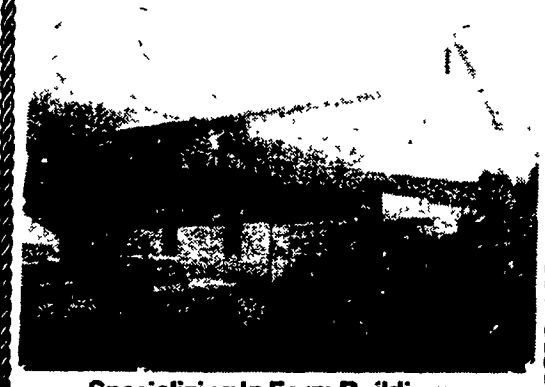

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Aerial Ladder Equipment

54A Old Leacock Rd.
Ronks, PA 17572
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We Do Tree Trimming In Wintertime With Our Aerial Ladder Equipment

WHITE HORSE GRAIN CO.
RD #2 Cochranville, Penna. 19330

- KERO-CAN (Cuts Carbon & Oror) . . . $3.00
- 5-GAL. KERO CAN - Reg. $12.95 . . . . . $6.00 (Resin Lined To Prevent Rust)
- ELECTRIC BATTERY SIPHON PUMP Reg. $16.95 . . . $10.00

REMOVABLE TANK - GLASS CHIMNEY

FREE-WITH THIS AD
Free 5 gal. kerosene can filled with K1 kerosene with any heater purchase over $100 ($16.50 value)

- Heats 400 Sq. Ft.

$99 Reg. $174

- Hamai

One Year Warranty - We Sell K-1 White Kerosene

LEOLA FIREPLACE & STOVE SHOP
93 W. Main St., Leola Mon.-Fri. 10-8; Sat. 9-6
717-656-6408

May you share in the spirit of loving, giving and worshipping together. To all our friends ...many thanks for your kindness.

Merv Miller - Builder
7 KEENER ROAD
LITTIZ, PENNSYLVANIA 17543

Lancaster Co. DHIA

(Continued from Page C4)

John J. Landis						
Beam	RH	4-5	305	21,828	3.8	821
Harry S. Aungst						
Portia	RH	5-0	305	20,030	4.1	818
Libby	RH	7-2	296	21,288	3.7	782
Kitty	RH	8-0	305	20,012	3.7	738
Dennis R. Bender						
102	GrH	4-5	305	19,846	4.1	818
53 Clar	RH	9-8	305	18,365	4.2	770
Graywood Farms						
337	GrH	9-2	305	23,670	3 4	814
79	GrH	5-9	285	20,414	3.7	748
263	GrH	3-5	305	23,345	3.2	744
164	GrH	7-10	305	19,380	3 7	717
Christian Zook						
Barb	RH	8-1	266	22,628	3.6	814
Emma	RH	9-7	281	22,183	3.5	785
Dale W. Peifer						
Orchid	RH	4-2	305	22,353	3 6	813
Molly	RH	5-3	277	22,578	3.5	787
David B. King						
Apple	RH	5-2	305	21,187	3 8	812
Grade	GrH	7-2	305	21,735	3.4	730
Emanuel B. Lapp						
Jewel	GrH	7-5	305	22,497	3.6	809
Jonas B. King						
Mary	RH	3-8	305	21,223	3 8	809
Lydia	GrH	6-11	305	22,406	3.5	776
Advance	RH	6-2	293	18,927	4.0	766
Marvin Reift						
45 Lizzy	RH	5-3	305	19,498	4.1	809
Thomas C. Lapp						
Design	RH	9-5	305	23,652	3 4	808
Lenewood Farm						
Kay	RH	7-4	305	24,168	3.3	807
Apollo	RH	5-11	253	18,841	3.9	741
Harvey W. Stoltzfus						
Gail	RH	8-8	305	17,751	4.5	805
Katie	RH	5-4	305	18,246	3 9	703
Parke H. Ranck						
Mary	RH	4-0	303	21,361	3.8	804
Emanuel S. Smucker						
Royal	RH	7-0	299	22,571	3.6	802
Starlte	RH	7-10	305	19,721	4.0	785
Vangie	RH	4-9	305	18,688	4.1	761
Joyce	RH	4-6	305	19,482	3.7	727
Clair Oberholtzer						
33	GrH	6-6	305	22,739	3.5	801
Homer G. Hess						
Kay	GrH	3-6	305	22,592	3.5	794
Richard H. Hess						
Robin	RH	8-3	305	18,167	4.4	794
196 Pat	RH	4-2	305	18,884	3 9	735
Thomas & Larry Aaron						
178	RJ	6-1	305	15,104	5 3	793
256	RJ	5-1	305	19,088	3 8	727
236	RJ	5-1	305	13,352	5 3	711
Elam B. Rutt						
Rocket	RH	3-10	305	24,218	3.3	792
Welsh-Vista Farms						
Ella	RH	6 3	305	21,595	3 7	790
Clyde M Buchen						
442	RH	5 10	305	20 206	3 9	789
515	GrH	4 5	300	17 817	4 2	756
523	RH	4 3	301	20,141	3 7	753
435	RH	6 2	305	21 547	3 5	747
483	RH	5 5	305	20,768	3 5	735
Levi S Stoltzfus						
Ruby	RH	3 3	305	18,612	4 2	788
Janice	GrH	5 5	305	18,851	4 1	779
Britian Acres Farm						
5	RH	7 1	305	18,679	4 2	787
Nelson H Hershey						
30 Lady	RH	4 4	305	21,627	3 6	786
23 Heidi	RH	8 7	305	19,442	3 9	756
9 Holly	RH	5 2	305	19,378	3 8	735
David W Sewigart						
92	GrH	4 2	267	23,449	3 3	785
23	RH	2 5	305	20,226	3 7	742
197	GrH	8-4	305	19,186	3 8	728
198	GrH	8 1	305	15,646	4 5	710
Riehlee Farm						
Lena	RH	5 6	305	23,425	3 4	785
Joker	RH	8 9	305	21,053	3 6	762
10	RH	11 5	293	21,087	3 4	712
Elam Petersheim						
Audrey	RH	4 10	296	21,976	3 6	785
Edith	RH	7 11	302	22,599	3 4	765
Suki	RH	6 10	287	17,747	4 3	755
Paul B. Zimmerman						
Rhonda	RH	5 5	305	17,628	4 5	785
Mona	RH	5 2	305	18,475	4 2	776
Weaver & Burkholder						
38	RH	11 1	305	21,443	3 7	783
Donald M Eckman						
Joy	GrH	6 5	305	19,709	4 0	782
C Dale Bollinger						
Carie	RH	3 6	305	21,079	3 7	780
Daniel W Fox						
Casper	GrH	3-4	305	18,251	4 3	779
Bell	GrH	3 3	305	20,600	3 7	767
Abram & John Barley						
653	RH	3 3	290	19,536	4.0	776
67	RH	2 3	305	18,928	4 0	762
598	RH	5 6	305	20,448	3 6	735
103	RH	3 2	301	19,645	3 6	712
Gusty Crest Farm						
Jan	GrH	3 8	305	18,535	4 2	774
Creek Knoll Farm #1						
Dewdrop	RH	7 7	305	26,263	2 9	773
Christian & Katie King						
514	RH	12 4	305	20,364	3 8	771
62	RH	3-11	305	16,665	4 5	757
Joseph DeLong						
430	GrH	6 8	305	19,135	4 0	771
370	GrH	6 6	305	19,320	3 6	703
C. Nevin Hershey						
Micki	RH	3 3	305	16,696	4 6	770
Patty	RH	3 1	305	19,215	3 7	719
Aleipa Farms						
82	GrH	4 4	305	21,166	3 6	769
Carmen	GrH	8 2	305	24,610	3 0	744
95	GrH	3 4	305	23,306	3 1	723
Long Acres Farm						
64			299	18 479	4 2	767
Roy H & Ruth H Book						
Sonia	RH	7 3	305	20 967	3 7	766
Nettdale Farm						
Kitty	RH	6 5	305	21,442	3 6	765
Arlene	RH	5 4	305	20,289	3 5	703
Tom Zartman						
178	RH	6 0	305	19,587	3 9	764
93	GrH	3 8	305	19,249	3 9	760
227	RH	6 4	305	19,670	3 7	727
Richard G Wenger						
Muriel	RBrSw	4 3	280	16,607	4 6	761
Amos W Breneman						
Bucky	GrH	5 3	305	20,716	3 7	760
Babs	RH	3-3	305	21,790	3 4	749
Marvin K Witmer						
Susan	RH	6-6	305	22,100	3 4	759
John D Nissley						
Dawn	RH	4 6	305	18,069	4 2	758
Bobby Jo	GrH	3-4	305	20,759	3 5	720
Bushong Bros						
Belle	GrH	4-3	305	19,514	3 9	755
Denise	GrH	5 4	279	19,364	3 8	744
Hershvale Farms						
68 Linda	RH	7 7	295	18,817	4 0	754
77 Cynt	RH	6 9	305	19,997	3 6	717
Garwood Farms						
Rose	GrH	4-2	305	18,229	4 1	754
Emma	RH	7 0	293	21,069	3 5	737
Sandy	RH	6 4	305	20,494	3 5	722
Jonas B Stoltzfus						
Lily	GrH	7 7	305	22,945	3 3	751
Curtis L Martin						
38	RH	3 5	305	18,392	4 1	751
Robert W Ulrich Jr						
Francy	RJ	3 2	301	15,637	4 8	750
Fame	RJ	3-4	305	14,177	5 2	734
Jackie	RJ	2 3	305	13,060	5 4	701
Carl Weidler						
54	GrH	5 4	305	19,854	3 8	749
J Wilmer Conrad						
Marie			305	18,701	4 0	748
Paul M Martin						
Y 7	GrH	4 6	305	24,497	3 9	747
Ken & Nelson Stoner						
144	RH	5-0	305	19,591	3 8	747
J. Robert Metzler & Son						
Gina	RH	4 3	305	17,728	4 2	747
Joann 27	RH	3 5	305	20,907	3 6	744
Wilmer L Shertzer						
74	GrH	8 3	305	20,538	3 6	746
Steve E Stoltzfus Jr						
Boots	RH	8-0	305	20,211	3 7	746
Delmar & Susan Weaver						
Parla	RH	8 2	305	20,467	3 6	745
Sheree	RH	2-2	305	21,213	3.4	713
Jonas B Lantz						
Inez	RH	4 4	305	19,122	3 9	745
Allen S Groff & Son						
89	GrH	4 11	305	17,167	4 3	745
Robert C Groff						
Dimples	RH	5 7	305	24,524	3 0	744

(Turn to Page C8)

HIGH-PRESSURE WASHING & DISINFECTING POULTRY HOUSES AND VEAL PENS

Spraying For Mites And Beetle Control

MAYNARD L. BEITZEL
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DAIRY EQUIPMENT
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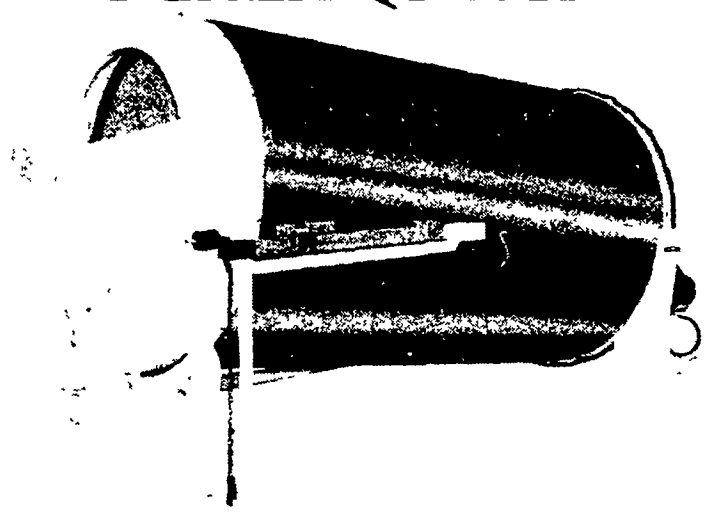
Phone: 717-272-0871

T.M.R. Forage Blender



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TUMBLE MIX ROTATION

If you like many of todays progressive dairy farmers, have discovered that TOTAL MIXED RATION feeding will increase herd production and save time, feed and money then compare the efficient energy saving design of the NEW T M R Forage Blender with other feed mixers, feature for feature!

ADVANCED DESIGN USES FEWER MOVING PARTS THAN ANY OTHER MIXER—ONLY ONE 3hp ELECTRIC MOTOR—ROTATING STAINLESS STEEL MIXING DRUM THOROUGHLY BLENDS FEED IN 1 TO 3 MINUTES—BEAM SCALE SYSTEM PRECISELY WEIGHS FEED, (ELECTRONIC SCALE OPTIONAL)—STANDARDIZED PARTS FOR EASY MAINTENANCE—BOLT TOGETHER CONSTRUCTION ALLOWS INSTALLATION IN EXISTING FEED ROOMS—AVAILABLE IN A MODEL TO FIT YOUR FEEDING REQUIREMENTS.

For more information or the name of your nearest dealer contact the address below

Better Farming From:
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RD 3, BOX 315A
Pine Grove, PA 17963
Phone: (717) 345-8795
or (717) 345-6358

Dealership Inquiries Invited - A Few Areas Available!

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3-WHEELERS HAVE BECOME IMPORTANT VEHICLES FOR THE FARM!

★ **WE'LL SELL YOU ANY THREE WHEELER KAWASAKI MAKES, BASED ON AVAILABILITY AT $100 OVER INVOICE!**
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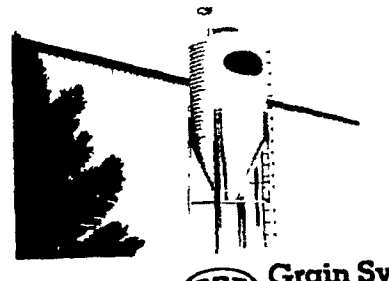
Kawasaki
Let the good times roll!

The New Champ of The Feedlot GSI!



GSI Grain Systems Incorporated
automatic farm systems
608 Evergreen Road
Lebanon, PA 17042
(717) 274-5333

Lancaster Co. DHIA

(continued from Page C7)

Joseph W Best & Sons						
1	GrH	6 9	305	16,753	4 4	/44
Martin H Good						
Pearl	RH	6 7	305	22,193	3 3	/43
Faith	RH	4 2	305	19,281	3 7	/23
J Harold Musser & Son						
21	RH	6 7	305	21,754	3 4	/43
Rosegale Farm						
Sunshine	RH	6 10	305	20,706	3 6	/43
Herman Ginder						
Vanessa	RG	3 3	305	15,885	4 7	/43
James Rutt						
64	GrH	3 5	305	18,582	4 0	/42
142	GrH	5 10	305	22,247	3 3	/35
James W Bowman						
Margie	RH	5-7	305	16,657	4 4	/40
Sol S Stoltzfus						
64	GrH	4-2	305	21,370	3 5	/39
Twin Oak Farms						
282	GrH	4 5	305	16,129	4 6	/37
Carl R Martin						
Stephen	RH	3 7	299	19,306	3 8	/34
Aaron Z Martin						
9	RH	1 11	305	19,215	3 8	/34
Robert M Mylin						
Sandy	GrH	8 2	305	18,190	4 0	/33
Bertha	GrH	4-6	305	20,076	3 6	/23
Molly	RH	4-0	305	20,488	3 5	/10
James Martin						
Jinny	RA	5 5	305	15,658	4 7	/32
Walter C Pownall						
[illegible]	[illegible]	4 1	305	20,990	3 5	/31
Melvin R Eby						
Karen	RH	4 3	305	19,338	3 8	/31
Roman A Stoltzfus						
49	GrH	7 3	305	17,696	4 1	/31
Joseph Eshleman						
147	RH	5 8	305	20,752	3 5	/30
John W Martin Jr						
24	GrH	7 2	305	20,061	3 6	/29
Romella Farms						
Dolly	RG	3 10	294	12,330	5 9	/28
Ben K Stoltzfus						
Comet	RH	6 1	305	22,380	3 2	/27
J Richard Snavely						
Holly 42	GrH	4 0	305	21,029	3 5	/27
Gloria 40	GrH	3 6	288	17,223	4 1	/12
Mervin Sauder						
Susie	GrH	6 7	305	18,618	3 9	
Penny	RH	3 7	305	21,314	3 4	/10
John Omar Stoltzfus Jr						
Jane	RH	8 8	290	20,182	3 6	/24
Earl Smoker						
Beulah	GrH	5 10	287	19,416	3 7	/23
David D Zimmerman						
Patricia	RH	3 6	297	16,718	4 3	/21
Elam S Beiler						
Terri	RH	4 11	305	18,060	4 0	/19
George M Hurst						
48	RH	3 5	305	18,972	3 8	/18
Allen K Risser						
11	RH	3 7	305	20,807	3 4	/17
/8 Tara	RH	4 2	305	17,333	4 1	/17
106 Wini	RH	3 2	297	14,108	5 0	/03
John S Wenger						
Arie	RH	7 3	305	18,990	3 8	/16
Danda Farms						
Beacon	RH	2 9	305	18,122	4 0	/16
Clarence W Shirk						
Doc	RH	3 2	305	20,032	3 6	/15
Jay Bel Farm						
65	RH	4 6	305	20,611	3 5	/14
Jonathan M Zook						
11S AR	GrH	5 5	305	18,638	3 8	/13
Levi S Glick						
Ann	GrH	5 6	291	18,139	3 9	/13
Christian K Smucker						
Ruthie	GrH	7 7	305	20,398	3 5	/12
King Farm						
Buttercup	GrH	4 5	305	21,748	3 3	/10
Raymond K Burkholder						
44	GrH	3 11	302	18,181	3 9	/10
Cedar Wood Farm						
44	RH	6 2	305	19,794	3 6	/09
Martin Weaver Jr						
Bopeep	RH	5 4	305	20,405	3 5	/08
Conoy Springs Dairy						
25	RH	6-8	305	18,120	3 9	/08
Kreider & Lusby						
34	GrH	4 8	305	20,081	3 5	/06
Luke Ray Zimmerman						
25	GrH	2 10	305	17,839	4 0	/06
Robert N. Brandt						
85	GrH	9 6	287	17,649	4 0	/06
Alvin L Petersheim						
Daisy	GrH	7 2	305	20,261	3 5	/04
A Ronald Martin						
D Netty	RA	5 9	305	16,506	4 3	/02

Martins High Pressure Washing and Disinfecting Pest and Parasite Control

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BUILDINGS SALES EQUIPMENT
SWINE SYSTEMS

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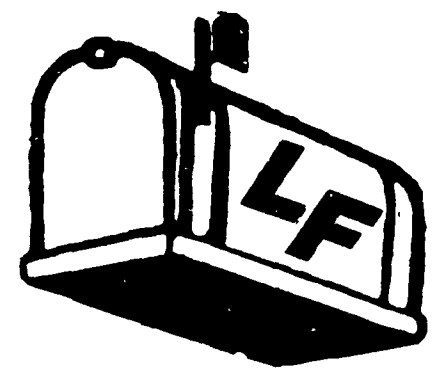

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VAN DALE
SILO UNLOADERS

2008 HORSESHOE ROAD
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TAPER BOARD FEEDERS
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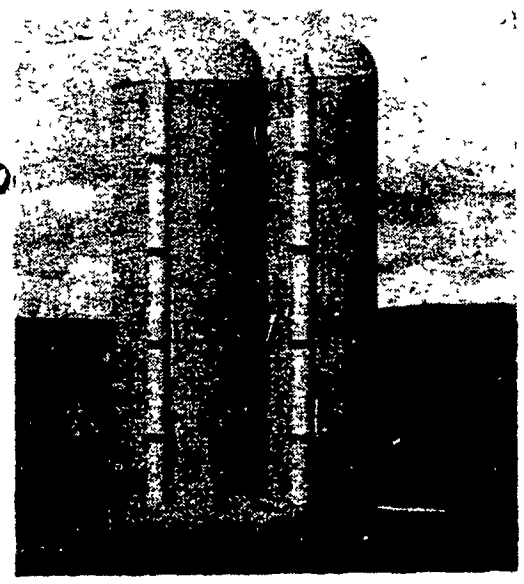

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"AUTOMATIC" ROLLER MILLS (IN STOCK)
Low Profile #200 w/3 H.P. Motor
List - $1995.00 - SALE $1695.00
Low Profile #400 w/5 H.P. Motor
List - $2695.00 - SALE $2275.00

SPECIAL "RENTAL UNITS"
2 - #1200 EAR CORN ROLLER MILL BLOWER UNITS — P.T.O. - EXCELLENT CONDITION

#36 - $9,800 New - NOW - $5,800.00
#54 - $10,800 New - NOW - $6,800.00
(Terms Available)

"TILE" 4"x4" - 4"x6" - 4"x8" IN STOCK
Several Colors Available - 70¢ Sq. Ft.
For New Cow Troughs, Bunks. Makes Old Cow Troughs Like New, Easy, Simple Installation.

"TUBING" - 1¼" Hi-Strength -
For Gates - Panels - Fencing
.55¢ Ft. - In 24' Length - F.O.B.

MARYLAND TOBACCO BALE BOXES
We Have In Stock Now.
$295.00 Less Cylinder - $550 w/Cylinder

New Handyman Jacks in stock for Christmas Giving
$34.95 each
2 or more $32.50 each

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AC 5040
AC 5050
AC 7010 Cab and Air
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Ford 4500 w/loader
Case D 580 Loader
Case 480D
Farmall 300
MF 202 wheel loader w/loader & Mower
Kubota B7100 w/loader & bucket

BALERS
NH 268 w/thrower
NH 273 w/54A thrower
NH 270 w/50 thrower
NH 282 w/thrower
NH 293 w/62 Thrower
NH 315 w/58 Thrower
NH 320 w/70 Thrower
JD 346T

COMBINES
NH TR 70 w/Flexhead 6 R Cornhead
NH 995 w/Grain Head & Corn Head
JD 105 w/444 C.H. and G.H.
JD 55 w/12' Grain Head
AC CII
AC F330 Corn Head

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NH 362 Tank
NI 214
Hawk Bilt 207

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NH 1895 SP w/3 Row narrow head and windrow pickup
NH 880 w/2R - W and 1R pickup
NH 717 w/1R head
NH 770 w/717 R2 and 1R pickup
NH 1880 SP Cat. Dsl. w/2 new style heads, 3Rn and Windrow pickup
JD 3960 w/2R head and Windrow pickup

MOWERS
FMC 10'
NH 451 Sickle Bar
JD 25A Flail
(3) NH 462 Disc

CORN PLANTERS
White 6R no-till air
IHC 8 R Cyclo
IHC 4R Cyclo
IHC 6 R No-Til
JD 1440 No-Til
AC 4R no-til w/gran. fert.
AC 6R no-til air w/gran. fert.
AC 4R no-til w/liquid fert.
AC 700 6 Row

MOWER CONDITIONERS
(2) NH 469
(4) NH 479
NH 479H
NH 490
NH 467
NI 299 Mow/ditioner
(2) NI 279 cut/ditioner
NH 1495 D Hydro 12' SP
Hesston 6720 windrower

WAGONS
NH 1000 Bale
NH 1010 Bale
NH #8

RAKES
(2) NH 260 NI Bar
(2) NH 256 V Tandem Hitch
NH 258 IH 35

SKID LOADERS
NH L 775 gas
NH L778 diesel
NH 445 w/Deutz Diesel

CORN PICKERS
NI 323 1 Row Picker
NI 324 Super Sheller
NI 324 Corn Picker 2 Row

MISCELLANEOUS
Little Giant 32' Elevator
AC 2300 Disc
NH 358 Grinder Mixer
NH 357 Grinder Mixer
Rhino 7' Scraper Blade
Tandem Axle Sprayer
Brady stalk shredder
Hesston Stakhand #10

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FARM EQUIPMENT

JD 4010 w/new engine, 38" rubber, front, excellent 814-793-4293

7G crawler loader, very good condition, asking $10,900. Will consider trade in. 717-367-9773

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FARM EQUIPMENT

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Combine, 3300 JD, 422 hrs., looks like new. 814-926-3669

FARM EQUIPMENT

JD 2030 diesel w/loader, 814-793-4293

530 JD 3 pt. and fenders, excellent condition. 814-793-4293

Snap Bean Harvester on Int. 666 hydro drive tractor complete with dump box $11,000. 609-769-3183

FARMALL TRACTORS
Cub Lo-Boy w/mower
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Super C w/f.h.
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For Sale
Wisconsin And
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Cranks, heads, blocks, all reconditioned
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Lancaster, Pa.
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4 cyl. Perkins diesel power unit, 15 KW Katolight generator, 40 amp Lincoln straight and reverse polarity DC welder, can be used on PTO or line shaft. Used 2 years. 717-423-6794

JD 4620, power shift, good condition. Lancaster Co., Pa. 717-284-2761

For Sale - (New) NH 310 baler super sweep pick-up w/engine. $5,800 Jacob M. Fisher East Gordan Road Gordanville, PA 17529.

IH 966 diesel 3 pt. wide front, excellent condition. 814-793-4293

Meyers forage box, 6x16 with roof, two way unloading, three beater, excellent condition. $1,975.00. Weaver's Hardware Co. Fleetwood, Pa. 215-944-7486

Used sawmills for sale. We buy and sell. Leroy Wray, R.D. 1, Douglassville, PA 19518. 215-385-3884

HORSE EQUIPMENT
Oliver 2B 12" Raydex
NI 206 Manure Spreader
JD KBA 20 & 24 Disc
JD 9' Spring Harrow
NH 455 7' Trailer Mower
IHC 100 7' Trailer Mower
MC 7' Rotary Scythe
NI 10' Fert. Drill
ELEVATORS
Stoltzfus 24'
NH 30' Corn and Hay
TOM WHEARY
Lancaster, Pa.
717-687-0102

FARM EQUIPMENT

Jamesway belt feeder, 60' long, 412-238-4061

For Sale - Farmall 300 w/TA, belt pully gear, weights and recent paint job, available w/or without 2 pt. hitch. 717-464-2874

JD 4020 Diesel tractor, WFE, good cond., $7000 or best offer, 302-378-9164

Wanted - JD model 480 483 485 Haybine for parts or running also T.O. 20 motor, Call 609-825-5051

For Sale - JD 4230 Diesel Tractor w/turbo, 140 HP, QR transmission, 4 post roll guard, 2406 hrs., in good cond., $11,000. 717-532-8601

For Sale - NH L35 skid steer loader w/Ford water cooled motor, 72" bucket, in good cond., $4500, 717-532-8601

For Sale - JD F350 semi-mtd. plow, 4x16's., auto. reset w/accumulator, side hill hitch, $750, Juniata Co., 717-535-5815

2 row potato platner, Iron H, good cond., also air blast crop sprayer, 300 gall. tank, 717-423-6722

For Sale - NI 17A manure spreader, 12A manure spreader, AC manure spreader, IH 28 disk, 9' cultipacker, Leroy Esh Hardware, 717-768-3681

For Sale - New Holland Model 791 manure spreader, like new. John E. Brown, Forksville, Pa. 717-924-3492

For Sale - 1972 Deutz 80-06, dual hydraulics, good tires, 3400 hrs., one owner. Asking $9500, 717-375-4514

Loggers dream - D4 Cat loader heavy duty winch, runs and operates, needs idler and top roller, $4,800 or best offer. Serious inquiries only. 717-566-0370

Wanted - JD model 70, 3 pt. hitch assembly, 301-252-0627

Wanted - Used running gear 6 ton or more. Lancaster Co. 717-859-2421

For Sale - 970 Case, cab, air, heat, powershift. Reasonable offer. Bedford Co. 814-623-2603

Badger vacuum pump used on manure tank spreader, can be adapted to other than Badger tank. 717-263-4471

Farquhar Steam traction engine 15 horsepower, high pressure boiler, good to excellent condition, $9,000. Rumby oil pull 30x50 excellent running condition, needs paint, $5,000. Samuel Osborn, Swift Run Road, R.D. 2, Box 108, New Oxford, PA 17350

Farmall H, new paint, excellent tires, $1,250. Farmall H, New Idea loader, $1,425. Farmall Super C, Fast hitch, good paint, $1,625. Farmall C, wide front, 2 bottom plow, motor overhaul, needs paint, $1,500. Farmall C, good shape, 2 row cultivators, $1,250. Baltimore County. 301-357-8314

JD model 350 plow, 4-16 hyd. reset, gauge wheel, hyd. side hill hitch, exc. cond. $3500. 717-836-5853

JD 3020 gas, $5,500, Excellent condition; 2 Chisholm Ryder (snap bean) harvesters, w/Farmhand dump tank, excellent running condition, well maintained, Wade Rain power-roll irrigation, 4", approx. 75 lengths and 2 movers. 609-451-3877

NI 206 manure spreader, $595. 3 pt. Ford saw, $275. 717-354-0266

310 NH baler, like new, 717-922-4103

NI No. 744-N, 4 row corn head, good cond., 717-733-9145, Lancaster Co., must sell! Would like $5,000

For Sale - AC HD-4 crawler loader, good to very good condition, $6,000. 215-967-3252 after 6 p.m.

FARM EQUIPMENT

Ontario 12x8 hoe drill $450, IH 100 balanced head mower $450, 8x16 flat wagon w/5 ton NH gear $400, Case 10' spring tooth harrow w/extra parts $200, Papec hammer mill $50. 215-847-2619, Bucks Co.

For Sale - 494A John Deere corn planter, good condition. Samuel K. Stoltzfus, Box 125 Spraul Road, Kirkwood, Pa. 17536

For Sale - NH 271 baler w/thrower, NH #56 rake, 2-16 ft. bale thrower wagons, Gehl forage blower, Int. 7-tooth chisel, Fox forage harvester, 2r-corn hay and direct cut heads, 165 bu. gravity bin w/gear, 9 ft. Hesston haybine, JD flail chopper, 5 ft., NH #362 tank spreader, Case Skatback, 430 loader, MM Jet Star tractor, MM Jet tractor, MM G900 tractor, JD 4-14" plow, MF running gear. Best offer. 717-867-4808 Lebanon Co.

For Sale - NH L35 skid loader, in good cond. 215-383-6818

1980 MF 285, 84 HP, 230 hours, like new. 717-547-6141.

For Sale - 10' Grandy seed and fertilizer drill, like new 717-687-0102

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NH 455 and 456 mowers trailer
NI 752 Hay Crimpers
Oliver 12" & 14" trailer plows
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JD KBA 20 & 24 Discs
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JD spring harrows
NH rakes 56 & 258 nice
JD 999 Corn Planters Plateless
Vicon spreader seeders
JD 494A 4 row corn planters
NI tobacco planter 1 row
Cultipackers
Wood Stoves
10"x10"x36" Logs
Sam K. Zook
Kirkwood, Pa.
Lancaster County

MF
SPERRY NEW HOLLAND

USED EQUIPMENT

Tractors
AC WD
MF 285

Tillage
JD 4B Plow
Case 5B Auto Reset Plow
MF 66 3B Plow
Pittsburgh 8' Disc
3 Section Drag Harrow
16' Drag Harrow

Hay Equipment
AC Forage Harvester
IHC Forage Harvester
(2) NH 717 Harvesters
NH #36 Crop Chopper
MF #35 Rake
Badger 14' Fg. Box

Combines
MF 205
NH 962 4 RW C.H.

Miscellaneous
NI 214 manure spreader
NH Super 717 Harvester w/2 heads
Gehl 2600 Skid Loader
NH L35 Skid Loader
IH 13 Disc Drill
Ontario Disc Drill
NH 513 Manure Spreader
Gehl #50 MX Grinder-Mixer

MARLIN SCHREFFLER
Pitman, PA
717-648-1120

FARM EQUIPMENT

Wanted - JD 4020 late model w/side console, or 4320 or 4230. Must be diesel, in excellent condition, for private farmer. Call evenings. 201-782-4297

For Sale - AC WD 45 diesel tractor, new tires, new paint, new sleeve and piston kit, PS, good condition but jumps out of high gear. $1,250 as is. 717-532-8601.

For Sale - JD 70 diesel tractor, wfe, pony motr, 3 pt. hitch, power shift, has bad crankshaft at flywheel. $1,000 as is. 717-532-8601

4440 JD tractor, one year old, 380 hours. 717-667-3210

Wanted - Farmall 450 gas, P.S./F.H. narrow front, extra clean, Robert Diener, 1287 Woodruff Pl., Morgantown, WV 26505. 304-599-4027

Cat 955H pedal steer ROPS $10,000. David Brown 995, 2700 hrs., $4,950. Phone 607-748-7229

JD BWF rockflex disc, 17'. 717-837-3132

Oliver 1650 Diesel, (late model), rebuilt engine, Lanc. Co. 717-354 9305

Clark 6,000 lb., dual wheel pneumatic fork lift $4250.
DENNIS M. MILLER
Rt. 22 Grantville, Pa.
717-838-1888 anytime
717-469-0937 daily

For Sale - 3 IH dual shaft PTO units, (540 and 1000 RPM) to fit any 06, 56, 66, and some 86 series tractors, excellent condition. 717-464-2874

Gehl "65" Mixall, NH 331 spreader, 717-569-9861

CUB LO-BOY "154" tractor and mower deck, good engine, needs transmission and clutch repair, $1295. GORDUN's Inc., Rt. 17A, Goshen, NY 914-294-6141 day, 914-986-2111 eves. ask for Mr. Gordon.

New Campbell-Hausfeld 5 HP two stage air compressor with unloader, $635. Chain hoist trolleys, 1 ton capacity, $20. 760 C Steam Jenny pressure washer, like new, $900. Fisher Engine Service. 3141 Old Philadelphia Pike, Bird-in-Hand, PA 17505

NEW EQUIPMENT
WHITE -
2-110 tractor w/cab
2-85 tractor
2-55 tractor
508 5 Bot. SAR Plow
598 6 Bot. SAR Plow

GEHL
CB 1000 For. Harv. w/2-Row Corn Attach. & Hay Attach.
3510 Skid Steer Loader
1400 Round Baler (Demo.)

NEW IDEA-
No. 177 41' Elevator
No. 243 Spreader
No. 244 Spreader
No. 245 Spreader
279 CutDitioner
325 Cornpicker w/327 Husking Unit

USED EQUIPMENT
New Idea 218 Spreader
New Idea 622 Forage Blower
FB 88 Gehl blower
Oliver 252 Disk Harrow 11'6
Gehl 95 Grinder Mixer
Gehl 115 Grinder Mixer
Gehl 910 For. Box

Closing At Noon Dec. 24th

Seasons Greetings
FROM
MILLER EQUIPMENT CO.
RD 1 Bechtelsville, PA
215-845-2911

FARM EQUIPMENT

709 Uni-System (hydro), w/power guide wheels, heat, air, following attachments; 767 Super Chopper, 768 corn head, 766 grass head, 725, 3 row Snapper head w/ground gear attachments, 737 husking bed, 844 4 row corn head, 717-483-6982

JD 4230 tractor, very nice cond., low hrs., price $11,000. 717-532-7054

For Sale - JD 70 gas tractor, good cond., price $1650. Also JD 3020 Diesel, price $5000. 717-532-7054

1980 JD 6620 w/13' grain head, 560 hrs. beautiful condition $46,500. 215-756-4344

JD 716 forage wagon w/roof and 12 ton tandem running gear; Arts-Way wagon, 3 beaters, 10 ton gear, 1 yr. old. 814-793-2339

JD 4020, Standard Shift $7500.
Dekota Feeder Wagon $1000
Lehman Skid Loader $3000
(New) 791 NH Spreader w/endgate $8000
Melroe Stone Picker $1000
WENTZ FARM SUPPLY
Palm, Pa. 215-679-7164

For Sale - Winco 25 K.W. Generator on cart like new $1,475.00. 400 A.M.P. Meter-Rite Double throw switch for center pole $295.00. Call 717-966-0145

NH forage harvester heads, 770-R2, 770 W, also available Super 717. Will sell separately. 215-869-8745

For Sale - JD 350, JD 450, Int. 1466, 1086, 4366, 584, 986, JD 4430, JD 4620. We are brokers. 717-733-0058

2100 gallon Better Bilt liquid manure tank mounted on 1968 Ford truck, complete unit ready to go. $5900. Henry K. Fisher, 717-393-6530. 8:00-4:30.

Farmall 560 Gas Tractor with 4-14 Semi-Mount plows, good condition. 717-398-1459

FARM EQUIPMENT

JD 2510 gas, dual hydraulics, 3 pt. power steering, 3000 hours, 814-793-4293

Custom built mixers for haylage ensilage and grains or mix your own dairy feed to increase profits. Accurately weighs and mixes in minutes. For more information and prices call 215-267-2453 Rissler MFG, RD 3, Denver, PA

One 3020 JD diesel tractor w/side console and WFE, in good condition, $7,000. 302-875-3113

For Sale - IH 4386 w/450 hrs., 30.5x32, stereo, heater, air, IH 490, 24'7" disk, Krause 13'9" chisel plow, pull type. 717-528-4343 Adams County, Pa

77 White tractor, 290 Cummins with big cam, 38,000 lb. rears, 10 spd., 717-425-3697

IH 205 combine, excellent condition, 227 corn head, 10' hume reel platform, $6,000. 215-285-6264

IH 1566 tractor, engine just rebuilt; IH 490 disc, 3 yr. service; IH chisel plow, $25,000 takes all. IH 2400 loader/backhoe, $4250. 301-841-6276.

JD 4400 combine, exc., condition, 1160 hrs., 4 row narrow head, 13' grain head, air conditioned. 814-632-7600 before 7 a.m. or after 8 p.m.

Attention Farmers! Are you having trouble finding those used parts you need? We have a list of over 100 farm machinery, equipment, truck and misc. used parts yards. Only $4 and large stamped envelope. Austins Salvage, Route 4, Butler, MO 64730

For Sale - Head valve cover intake exhaust manifold for 770 Oliver diesel, Gehl hammer mill for 65X grinder-mixer. 717-365-3234

Rebuilt flail tank spreaders, like new, 368 NH, 2155 Hawk Bilt, small starline. 717-776-6203

For Sale - 5000 Ford Selecto-Speed Diesel, $3900, Call 215-445-5725

FARM EQUIPMENT

Wanted - good used JD 6600 or JD 4400 or Gleaner F combine. 814-328-2364 or 814-849-5754 after 7 p.m.

For Sale - White 5400 air 4-row planter seed monitors dry fertilizer hoppers $2700. Farmall H tractor with cultivators $800. John Deere 18 disc grain drill $500. 10' gandy applicators $150. 4-row 3 pt. Fergurson cultivator $600. 609-769-3245

For Sale - Custom built 2 row cornplanters using John Deere Max-Emerge plateless units. Can be pulled behind Pequea plow chassis using same hydraulic system. Early Order Discounts. Also horse drawn corn planters converted to plateless or row kits for self installation. 2 mi. North of Rt. 40 along Rt. 897 Lanc. Co. Gideon F. Stoltzfus, RD #2, Gap, Pa. Box 2276, 17527

JD 6600 combine, 215 flex head, 643 corn head; JD 4240; both very low hours. 717-632-0141

Wisconsin 4 cylinder engine with Rockford clutch and tumble bar, $250 cash. Call 717-588-6350 eves.

IHC 815 combine, diesel, 4 row corn head, 30" 13' grain head, A-1 condition. 215-689-9376

For Sale - JD #8 harvester w/new knives. Gehl BU 82 forage box, both in good cond. 82 Honda ATC 185 S 3 wheeler. Lanc. Co. 717-665-7434

For Sale - DVA 1500 Slanzi diesel engine w/clutch, good condition. 717-354-8370

For Sale - Gehl BU85 forage wagon $900. JD 13 disc drill $135. JD 60H blower $250. Moving must sell. Lanc. Co. 717-859-2421

1086 IHC, 1466, 4430 JD, 4320, 4020, all used on our farm and all low hours. 717-547-2387

For Sale - New and used Gandy applicators for planters, balers, blowers, etc. Gideon F. Stoltzfus, RD #2, Gap, Box 2276, Pa. 17527

FARM EQUIPMENT

Special winter discounts on Shivvers grain drying equipment. Phone Connie Anderson at 609/267-5605

IH 806 diesel, original paint, wide front, 3 pt. hitch, 814-793-4293

10' Miller disc, good condition. 814-793-4293

JD 2520 diesel, dual hydraulics, wide front end. 814-793-4293

JD 4000 diesel, side console, 72 model, 814-793-4293

JD 3020 diesel, wide front w/rollguard 814-793-4293

Ford 3400 backhoe and loader. 814-793-4293

MF 1085 w/cab 814-793-4293

For Sale - White tractor 2-62-4-W drive $17,500, JD 336 baler $6,300, JD 1209 Haybine $3,500. Chester Co. 215-593-5042.

Restored John Deere MT cultivators, 2 bottom plows, sickle bar and hay rake. Call 717-992-5130 anytime. $2,400.

Deutz D-7206 tractor, 3442 hrs., roll-guard, 2-remote valves, new 16.9x34 tires 301-662-7701

Notice - Tractor and small engine overhauling done at a reasonable rate. Experienced. Stephen S. Fisher, R.D. 1, Box 114, Lincoln University, PA 19352

Ford 641 tractor, 12 spd., hyd. snowplow, with chains, $2495. 717-395-3364. Bradford Co.

Deutz 100-06 (105 Horsepower), 680 hrs., fully weighted, like new $16,500. Also JD 11 point chisel plow. $1100. 301-972-8663

For Sale - 350 Farmall tractor parts. 215-484-2695

IH Cub, 4' rotary mower, $1800 or best offer, 215-679-9010

JD 350 dozer w/wench and roll over, also 6' and 8' blade, and a 6' root rake. Asking $7250. 717-225-4437

Umberger's Of Fontana

RD4, Lebanon, PA (Fontana) 717-867-5161 or 717-867-2613

Mon.-Thurs. - 7:30-5:00; Fri. - 7:30-8:00;
Sat. - 7:30-4:00

OUR DUTCH AUCTION IS BACK!

Prices reduced on all items daily (except Sunday) until sold

NEW EQUIPMENT

ITEM	STARTING PRICE	DAILY REDUC.	PRICE ON 12/27
17'8" Bush Hog folding Transport disc 24" x ¼ blades	$10,700 00	$13.00	$8932.00
11 ft - 11 tooth 3 pt. 3 Bar 32" shank Brillion Chisel Plow	$2225.00	$ 3.00	$1829.00
STC 16 Folding Wing 16 ft Transport Brillion Field Harrow	$2595.00	$ 3.00	$2187.00
SFH 113B Glenco 11' 3" Soil Finisher	$7100 00	$ 9.00	$5876.00
New Idea 402 - 5 bar rake w/rubber flex teeth and caster wheel	$2150 00	$ 3.00	$1742.00
SL4600 Gehl Skid Steer Loader 44 HP Diesel, Water cooled, w/60" manure fork, w/60" material bucket	$16,675.00	$22.00	$13,683.00

USED EQUIPMENT

9 ft Pulvimulcher	$ 425.00	$ 1.00	$289.00
10 ft Power Harrow Roteria 3 pt	$1995 00	$ 3.00	$1587.00
10 ft 10 tooth 3 bar Bush Hog Chisel Plow w/guage wheel	$1595 00	$ 2.00	$1323.00
729A Uni Sheller	$3750 00	$ 5.00	$3070.00

USED EQUIPMENT

IH 706 Gas Tractor w/Fast Hitch
Gehl 95 Mixer
Gehl 120 Mixer
Gehl 115 Mixer
Gehl 100 Mixer, Good Cond.
Brillion 20' Transport Harrow w/wings
8 h.p. Brush Chipper
JD #127 5' Rotary Cutter
JD 25A 3 pt. Field Sprayer
NI 206 Ground Drive Spreader
MF 205 Spreader w/Pan and Gatz Web
NI 213-215 176 Bu. Triple Btr. Spreader, Ex. Cond.
Bush Hog 14 Tooth 3 Pt. Chisel Plow
IH #55 12 Tooth Pull Type Chisel Plow
Ford #142 4B Auto Reset Plow
Used 7 and 10 Ton Running Gears

NEW EQUIPMENT

Hesston #1580 Tractor (130 h.p.) w/cab
Hesston #980 4 Wheel Tractor (90 h.p.) w/cab
Hesston 2240 Flat Fold Field Cultivator
Caldwell 7' & 8' 3 pt. Blades
NI-244 Manure Spreader
NI 245 Manure Spreader
Pequea #250 3 pt. Cord Saw
802 Uni w/power assist, 838 husking bed and 844 Narrow corn head
(2) 18.4x38 8 Ply Rear Tractor Tires Special $425.00 each

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MUST SELL
1 of a kind
NEW I.H. MACHINERY

990 Mower Conditioner 9 ft.	$5100.00
315 Packer Mulcher 12'4"	$3795.00
3288 Tractor	$25,250.00
1250 Grinder-Mixer	$5985.00
425 Baler	$4645.00
720 5 F-18" Plow	$7285.00

CLARENCE WILSON & SONS
Phone: 215-933-3581
Kimberton, Pa. 19442

OPEN HOUSE SPECIALS
Dec. 30 & 31, 1982 only
All prices F.O.B. Hughesville, PA

Farnsworth Farm Supply
103 Cemetery Street
Hughesville, PA 17737
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New Machinery
White 264, 12' disc, $3,300
White 2-70 diesel tractor, $14,500
NH L425 skid steer loader w/dirt foundry bucket, demonstrator, $6,500
NH 362 tank spreader, $3,400
NH 301 liquid manure spreader, $7,700
NH 358 grinder mixer, $7,700
NH 847 round baler w/auto. wrap and bale ejector, $8,000
NH 329 manure spreader w/upper beater, $3,000
Ontario grain drill, $3,000
230 bushel gravity box, $500

Feed
Bicarbonite soda, $17 per 100 lb.
Baymix crumbles, $27 per 50 lb.
Grade A milk replacer, $16.50 per 50 lb.
Calf manna, $9.75 per 50 lb.
Horse feed, $10 per 100 lb.
3&1 mineral block, $5 per block

Spray Chemicals
Ciba-Geigy Attrex 80W, $1.70 per lb.
Ciba-Geigy Attrex 4L, $8.50 per gallon
Bicep 4L, $17.50 per gallon
Banvel, $41 per gallon
Lasso, $17.50 per gallon
Paraquat, $37 per gallon
Princep 80W, $2.75 per lb.
Princep 4L, $13 per gallon
Dual, $42 per gallon
Roundup, $70 per gallon
Furadan 4L, $41 per gallon
24D Amine, $10.50 per gallon, $9.50 per gallon in 5 gallon cans
Bladex 80W, $3 per lb.
Bladex 4L, $15 per gallon
Furadan 10G, 81¢ per lb.
Furadan 15G, $1.23 per lb.

Seed
WL 318, 313, 220 alfalfa, $110 per 50 lb.
Saranac AR alfalfa, $114 per bu.
Certified Arlington Red Clover, $95 per bushel

Fertilizer
51010, $125 per ton bagged
101010, $135 per ton bagged
102020, $190 per ton bagged
112222, $225 per ton bagged, off railroad car
46% Urea, $200 per ton bagged

Miscellaneous
10 Horse 5000 Watt generator, $700
4x8 Lion cylinders, $50
Bulldozer electric fencers, $45
Hay light salt, $3.25 per 80 lb., 75¢ per 10 lb.
Fly spray, $5 per gallon
Hand hay hooks, 70¢ each
9 or 10,000' Clover baler twine, $19.25
Isotox F, $6 per lb.

15% off all parts in stock
White and New Holland

Door prizes and refreshments

All prices are F.O.B.
Hughesville, PA
for Dec. 30 & 31 only

NH 363 TANK SPREADER
2 YEARS OLD
$2,250
NH #353 GRINDER-MIXER
USED 8 MOS.
$3,895
JD 14' MEDIUM DUTY DISC
$1,650

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ACRES OF USED AND RECONDITIONED FARM EQUIPMENT AND TRACTORS
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WE WILL BUY OR TRADE YOUR USED EQUIPMENT IN ANY CONDITION.

Complete
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FOR SALE
A.C. and Wisc. 2 and 4 cyl. power units with or without clutch reduction

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JD 8430 4 WD TRACTOR
1978, 1140 Hours,
Dual 18.4 x 34's,
PTO, 3 Pt., 3 Remotes, Diff. Lock
PRICED BELOW BOOK!

Tractors
Farmall M
Case Model 450 crawler
IH F1066D
IH F400D
IH F544
IH F806D
IH F1256
MF 255
JD 8430 4WD
Ford 900
Oliver 550 w/Loader
IH 300 Utility

Plows
IH 211 2F 16"
IH 311 3F 16"
IH 411 4F
IH 560 Plow
IH 700 6F Auto. Reset
IH No. 8 Trailing
IH 412
3F Trailing Plow
MF 5F 14" Mounted
JD 3 pt. 3F Plow
Ford 5F 18"

Tillage
IH 475 Disk
IH 24 Offset Disc
IH 122 Mtd. Disc Harrow
IH 4500 V.S. 12 Ft.
Lely Power Harrow
JD KBA Disc

Pickers
Oliver 5 Picker

Planters & Drills
IH 449 Planter
IH 500 Planter, 6 Row
Pittsburgh 4-Row 3-pt. Cultivator
IH 400 Cyclo, 6 row, N
IH 400 Cyclo 4 Row
JD 494 Planter
JD 15x7 Drill
JD FB 177B Drill, 17x7
MF 468 4-R Planter
MF 4 Row Cult.
Ontario 13x7 Drill

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Case 1530
IH 3200
Gehl 2600

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IH 91
IH 127
IH 715 Combine
IH 227 Corn Head
IH 429 Corn Head
IH 744 Corn Head
MF 35 Combine

Hay Machines
IH 27V Mower
IH Cub 222 Mower
JD 14T Baler
AC 303 Baler
NH 282 Baler
NI Mower
NI 290 Mower Conditioner
NI 402 Rake
MF Rake

Forage Equipment
IH 650 Forage Harvester
IH 56 Blower
JD 6 Harvester
JD 34 Harvester w/2 Heads
JD 16A Flail Chopper
IH Hay Pickup 550/650
IH Direct Cut 350
AC 780 Harvester
Fox 546 Harvester
NH 717
IH 42 Blower
NH 23 Blower
NH 25 Blower

Lawn & Garden
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Power King 42" Snow Blade
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IH 122 Cadet w/mower
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Gravely Sickle Mower
Bolens G10 w/Mower
JD 110 w/Mower and Snow Thrower
Sears 10 HP w/Mower
Snapper Comet riding mower
Trac Vac 580 Lawn Vac

Miscellaneous
Sauder 7 ft. Snow Blade
IH 1850 Loader
IH 2000 Loader
IH 540 Spreader
NI 214 Spreader
Waldron Dozer Blade w/IH or JD Mountings
580 Truck Mtd. Spreader
NH 346 Tank Spreader
Winco 1500 Generator
Danuser 8 Ft. Blade 3 pt.
Akey M50 Mini Spreader
NI 12A Spreader
Buck Saw

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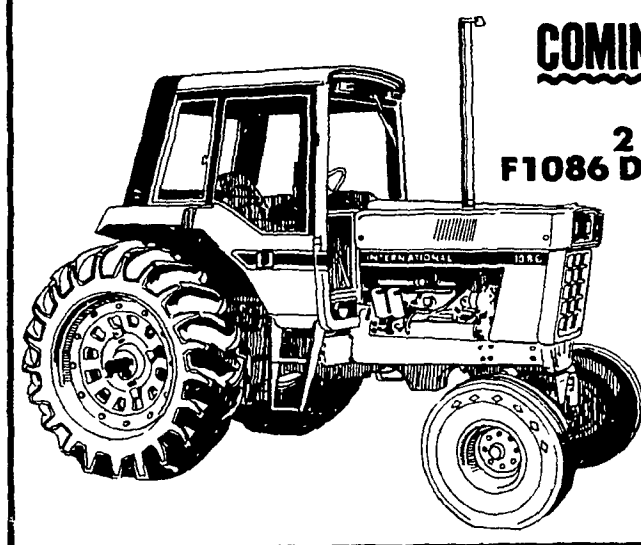

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295 amp welder
Powerful, heavy-duty AC arc welder cuts, welds, and drills holes with ease. Braze, solder, heat, or temper with the optional carbon arc torch. Has an up to 100% duty cycle to let you weld longer, and full open circuit voltage for any AC electrode. Included: instructions, helmet with lens, primary power cable with plug, ground cable with 300 amp

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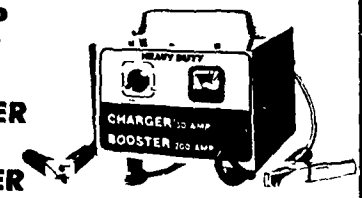
30 AMP HEAVY DUTY CHARGER AND BOOSTER



Save $36.17 Sale **$115.95**

10 AMP CHARGER
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BIG 15% DISCOUNT ON ALL IH, BOBCAT, SIMPLICITY, AND POWER KING PARTS INSTALLED IN OUR SHOP, ON JOBS SCHEDULED IN DECEMBER!

Thank You... We Appreciate Your Patronage During Our Recent Open House!

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Special winter discounts on Shivvers grain drying equipment. Phone Agri-Equipment, Inc., at 717/656-4151

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SEE THE NEW HESSTON TRACTOR LINE
40 to 100 HP
NEW TILLAGE
Glencoe SS 9 Soil Saver $5900
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508 SAR 4X18 Plow
NEW EQUIPMENT
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NI 717 Combine
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IH 350
Oliver 1600
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Ford 881
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12C HydraMac Skid Loader

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Fox 3000
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White 5400 4R No-Till Pltr.
JD 1240 Planter
IH 400 4R Planter
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Farmhand Recutter Blower
NH 469 Haybine
Hesston 1014, 12 Ft. Hydro Swing Windrower
Bush Hog 24' Soil Finisher like new
Glencoe 13 Shank Soil Saver
NH 442 Disc Mower
Woods 20' Bat Wing
NI Side Dump Wagon
Dion Fg. Wagon 3 btr. & roof
IH 51 wagon, 3 btr. & roof
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Feb. 21 to 25

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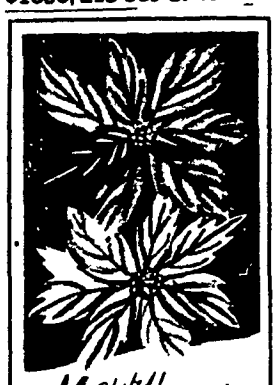
IHC 966 tractor, has duals, $11,000 or best offer. Must sell. 201-236-6987

1 Wic bale chopper, 3 horse electric motor, $1000, 215-869-8745



Merry Christmas to All!

Please accept our sincere thanks for your valued friendship and patronage

Stauffer Diesel, Inc.
312 W. Main St.
New Holland, Pa.

Welcoming A Chance to say thanks and to wish you a Very Merry Christmas & A Happy New Year.

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Tractors
AC 440, 4 Whl. Drive, Demo., like new
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AC D19 — IH 300
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AC 7040 — IH 340
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JD 4010 — JD A
JD 70
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Ford 4000 D
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Used Kubota 245 FWD
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Ford Jubilee w/Sauder loader
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AC 7045 Tractor
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AC 185 Tractor
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AC D17 Series
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NI 213 Manure Spreader

PEACE
Let this be the year it all comes together with brotherly love

ROY H. BUCH INC.
Ephrata
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USED EQUIPMENT
JD 4030 Tractor Diesel
JD 54 Manure Spreader
JD 494A Planter
JD 694A Planter
JD 4400 Combine
JD 105 Combine
JD 727 rotary mower
JD 7000, 8 row, 30" corn planter w/Liquid Fertilizers and Monitor
JD 1250 corn planter
JD 485 mower conditioner
JD 3800 Chopper
JD 2450-6 Btm. on Land Hitch Plow
Oliver 5x16 Plow
1-JD 2630 tractor
1-JD 4020 tractor
1-JD 1250, 3 btm. plow
1-JD 2450, 5 btm. Om Land plow
1-JD 34 spreader
1-JD AW disk harrow, 14'

NEW EQUIPMENT
JD 7100 8-row 20" bean planter
JD 215 Disk
JD 2450-7B-16" On Land Hitch Plow

OTHER LINES NEW EQUIPMENT
NH 315 Baler w/ejector
Superior-Campbell Sprayers
Superior-Scranton Livestock Equipment, (Hay Feeders, Corrals, Gates)
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NH TR 75
Pay New Holland what we owe and it's yours!

New White 2-85 Tractor

MF 65 Tractor

NH 362 Tank Spreader

Post Drivers & Diggers

Used NH 352 Grinder Mixer.

Used Balzer 400 Spreader

Skid Loaders

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New Holland, White
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JD 650 Tractor
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JD 950 Tractor
JD 1050 Tractor
JD 2040 Tractor
JD 714 Forage Boxes
JD 1075 Running Gears
JD 1207, 1209 Mower Conditioners
Hesston 1014 Hyd. Swing Conditioner
JD 1710 Mulch Tiller
Bush Hog 1432 10½' Disc

USED EQUIPMENT
AC C & WC Tractors
Farmall H, MD, Super M Tractors
JD B Tractor
JD 520 Tractor
JD 720 Tractor
JD 3010 RCU Tractor
Ford 8N Tractor
Cub Frt. Mtd. Blade
JD 494A Planter
IHC 315 Mulch Packer
IHC 540, 550 4B Plows
JD F125 6B Plow
Ferguson 2B Plow
JD AW Disc 12'
Woods Cadet 60 Pull Type Mower
NH 6' Cutter
JD 507 Cutter
MF 41 Sickle Bar 3 pt. Mower
Mayrath 40' Elevator
NI Hay Rakes on steel

USED COMBINES
JD 95 w/platform
JD 434 corn hd.
AC C2 w/platform
AC 4R corn hd.
JD 45 w/platform
Plus other new and used equipment

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Stewartstown, Pa.
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Best Wishes
Here's to a wonderful Christmas and a world of peace and beauty!

BHM FARM EQUIPMENT INC.
RD 1, Annville, PA

JOHN DEERE

All These New "40 SERIES" TRACTORS AT OUR LOWEST PRICES PLUS...
$900 to $2300 REBATES
From The Company!
2040 4WD
2440 Fully Equipped
2640
4240

USED TRACTORS
JD 2640, RG and Canopy, Hi-Lo
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Ferg. TO-30
JD 50
JD "A"
Ford 9N
Oliver 70

USED COMBINE
1980 JD 6620 w/13' Grainhead, 560 Hrs., Beautiful Cond. - $46,500

GRINDER MIXERS
New NH 353 Grinder Mixer, Complete. By at Low, Low Price!

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3 Pt. Blades
Hayban Corn Sheller, 3 pt. PTO - $1,850

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Used Fertilizer Box
Hyd. Augers - Engine Driven

USED TAYLOR HI-EFF. DYNAMOMETER
For Tractors 130 And 200 H.P.
SPECIAL
$495

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KERMIT K. KISTLER, INC.
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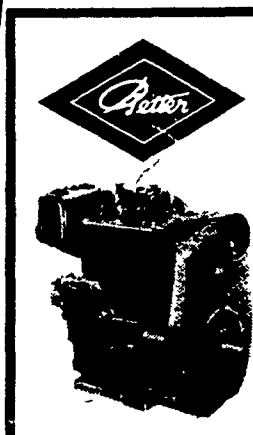
PH: 215-298-2011

FARM EQUIPMENT



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Good rebuilt GORMAN-RUPP PTO pump, also used Hale, CMC, Marlow, Peerless-Electric
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From The Staff And Management of
Cooper Ent., Inc.
Cecilton, MD

Merry Christmas
May your holiday be as cheery as the chime of Christmas bells! Enjoy!

PAUL SHOVER'S INC.
35 E. Willow Street
Carlisle, Pa.

NEW LEADER Lime & Fertilizer Spreaders
HI-WAY Cinder Spreaders - All Types
FRINK & VALK Snow Plows
ANNVILLE BODY CO.
P.O. Box 217, R.D. #3
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Phone 717-867-4631

We're Delivering Our Sincere Thanks To You And Yours

The Christmas season is more than just a holiday. It is a time to renew our dedication to "peace on earth, goodwill towards men." All the folks at L.H. Brubaker Inc. sincerely trust that at this season of the year you will join with us in renewing our devotion to the true Christmas theme. May your holiday be a joyous one and may your New Year be a prosperous one.

Make Your Cash Deal NOW!

Brand new leftover Model 310 Baler, PTO or Engine. And receive a FREE Mower or Rake or Thrower

Coming...

Annual Open House
Thursday & Friday
January 27 & 28, 1983

YEAR-END CLEARANCE ON A LARGE SELECTION OF GOOD, USED EQUIPMENT

Here's a Partial List

- AC-443 Baler w/P.T.O.
- NH 273 Baler w/engine
- NH 310 Baler w/engine
- NH 489 Haybine
- NH 479 Haybine
- (2) N.H. 469 Haybines
- (2) Moridge Dryers - Models 350 & 400
- JD 750 Grinder Mixer
- IH 830 Harvester, 2 Heads, 2 Row Corn Head
- NH 1880 S.P. Harvester, 3 Row Head & Pickup Attach.
- NH 679 Spreader D-T Web, Hyd. Endgate
- NH 790 Spreader, Hyd. Endgate
- Several Good Used Generators

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350 Strasburg Pike Lancaster, PA
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DEPENDABLE MOTOR CO.

East Main St., Honey Brook - Pa. 215-273-3131-273-3737

NEW EQUIPMENT SPECIALS

NH #718 Harvester (1 only)
NH #892 Harvester Electric Controls, Metal Detecter, 3R Hd. & Pickup Head
NH #495 Haybine
NH #488 Haybine
NH #230 and #234 Wagons
NH #456 Mower, 1 only
NH #28 Blower
NH #519 Spreader 11:20 Tires
NH #791 Spreader, 11:20 Tires.
NH #303 Liquid Tank Spreader (Demo).
NH #367 Tank Spreader, Used 1 Year
NH #315 Baler PTO
NH #315 Baler w/70 Thrower
NH #310 Engine Baler, Steel Wheels Hitch & Chute

CALL FOR SPECIAL PRICE

Pittsburgh 3B 18" Auto Reset Plow	$3150
Pittsburgh 4B 18" Semi Mtd. Auto Reset Plow	$5275
Pittsburgh 12' Field Cultivator, 1 only	$1295
Oswalt Ensilmixer, 1830 Stationary w/scales	$9390
Hutchmaster Disc 22x¼" blades D.O.T. Flex Gang 5600 lbs.	$6200
Dunham 3 Bar 8 Tooth Chisel Plow	$1695
Hub Tool Elevator 36 ft.	$1995
Walsh 300 Gal. Sprayer 34', Cyn Pump	$1925

• SPECIAL DEALS ON THE ABOVE PLUS FREE FINANCE ON NEW & USED NEW HOLLAND HAY AND FORAGE EQUIPMENT TILL JUNE 1, 1983
SPREADERS AND GRINDER-MIXERS TILL APRIL, 1983

SPERRY NEW HOLLAND

JAMESWAY OSWALT ENSILMIXER DUNHAM
Leasing Available

USED EQUIPMENT

NH 707 Harvester w/1R CH, good cond.
NH 770 Harvester, good cond., 1000 RPM
IH 555 Harvester, 2 Row Head & Pickup Head
Bush Hog 12' Offset Disc, 26" blades, excellent condition
7' 3 pt. hitch York Scraper Blade w/100 h.p. rating
NH 325 Loader 54" bucket, like new
NH 495 Haybine 12', Good Cond.
NH 479 Haybine, Ex. Cond.
NH 354 Grinder Mixer Ex. Cond.
NH 350 Grinder Mixer
NH 272 Baler w/Engine
NH 273 Baler w/engine
NH 310 Baler w/engine
NH 455 Mower
NH 56 Rake, Ex. Cond.
NH 770 R2 Corn Head
NH 717 N2 Corn Head
NH 717 Pickup Head

DEPENDABLE IS MORE THAN OUR NAME

FARM EQUIPMENT

Joy To The WORLD

It's Christmas! A triumphant time to celebrate all life's blessings and all our special joys. And to you, dear friends, many thanks and good wishes!

PIKEVILLE EQUIPMENT
RD 2 Oley, PA

KEENER EQUIPMENT INC.

1531 Manheim Pike
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Intersection of Route 72 & 283

USED FARM MACHINERY SPECIALS
END OF YEAR SAVINGS

John Deere 3010, 4010, M
Vermeer Round Baler, Gehl Grinder Mixer
AC 180, 190XT, D19, D17, D14
IH 1468, 2606, 656, 1466, 966, 450, A, C
Manure Spreaders, Transport discs
Post Driver, 6 Row IH #500 Air Corn Planter with monitor, Long 55" tiller, Cultimulchers, Field Cultivators, Snow Blades, Wood Saws, Scraper Boxes, Pulverizers, Chisel Plows, Wagons.
Crawlers - Case 310 diesel, John Deere 440, AC 655 with Ripper and bucket
Loader Tractors - JD 440, Frod 3550, Nuffield, Ferguson 40

Ph. 717-569-9861

83 FARMING FRONTIERS

SILVERDALE FIRE HOUSE
MONDAY, JANUARY 3, 1983
10:00 A.M.
FARMING FRONTIERS SPECIAL
15% Cash Discount
Off List Price
On All John Deere Parts
In Stock or
Ordered On Stock Order
and Paid
on January 3, 1983
1 Day Only.
WINTER SERVICE SPECIAL
10% Discount on Service Work done in our shop Includes hauling, labor and John Deere parts used with the job. Work must be scheduled by appointment. On farm service excluded. Offer applies to work performed through February 15, 1983.

JOHN DEERE OIL INCLUDED IN THESE OFFERS.

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Silverdale, PA 18962
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Quonset Buildings

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case

Case 2390 Tractor 1982, Fully Equip., 100 hrs. Dual Wheels, Traded for other Machinery
1980 Case 580C Backhoe/Loader w/Cab, Low Hours
IHC 856 Tractor in A-1 Shape!
IHC 806 Tractor, completely overhauled
1980 Massey Harris 450 Round Baler
NI 727 Husking beds, good shape
Plus NI cut/ditioners & mow/ditioners, tractors & spreaders in stock at Good Prices.
Interest waiver on all new and used equipment till March 1, 1983.
On New Idea Equipment till June 1, 1983

C. & P. FULTZ EQUIPMENT
RD 1 Spring Mills, PA
(814) 422-8807,
Ask for Paul

USED EQUIPMENT

AC D15 Tractor
NI 708 power unit and 702 power unit
737 husking bed
717 combine
713 combine
744 corn head
731 corn head
NH forage harvesters: (2) 770 w/heads (1) 717 and (1) 718
NH Super 68 baler

Special Sale
Low Acreage Machine
AC Model L Gleaner combine w/4 row corn head and 15' grain platform

Oliver semi-mounted 4 bottom plow

Used corn pickers:
NI 324 2 row corn picker
NI 324 picker sheller, 2 row

NEW EQUIPMENT

802 Uni power unit
767 Uni chopper
766 pickup head
768 corn head
1 7020 Hesston forage harvester
1 7140 Hesston forage harvester
2 7316 Hesston forage boxes
1 Hesston round balers
2 323 NI corn pickers
NI 213, 214, 244 and 245 manure speaders

AC Tractors:
6060 4 wheel drive
6140 4 wheel drive
8010
(1) 5050
(1) 2600 disc

AIRVILLE EQUIPMENT, INC.
P.O. BOX 37
Airville, PA
717-862-3967

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

FOR SALE

MF 165
MF 150
MF 2805 w/duals
MF 265
MF 43 corn head
JD 4020
MF 550 combine w/1143 corn head
MF 321 corn head

L & M BURKHOLDER
Ephrata, PA.
717-859-2960
717-859-2712

Christmas

Star of wonder, star of night...guide us to Thy perfect light. May your holiday be one that lights the way to serenity... peace ...contentment. To our loyal patrons, special "thanks" for your support.

M.M. WEAVER & SONS, INC.
LEOLA, PENNA.

MERRY CHRISTMAS TO ALL!

...And to all a Bright Holiday Season! Thanks.

LAMB'S FARM MACHINERY
Thorndale, PA
Phone 215-269-2676

MF Massey Ferguson

FIELD QUEEN FORAGE HARVESTERS

GOOD USED EQUIPMENT

Tractors
MF 285
MF 1080
MF 265 low hours
Oliver 660 gas
Farmall 450 diesel
MF 1130
Farmall 460 gas
MF 205-4 diesel
MF 2705 cab

Loaders
Gehl HL 2600
Gehl HL 4400
Sauder to fit JD 2010
MF 235 to fit 180
Kelly 600 to fit 165 and 175
NI to fit JD
Gehl HL 4400 Diesel
Gehl HL 4600

Spreaders
Gehl 250
Starline tank spreader
Martin Scavenger

Mower Conditioners
NI 299, used 2 yr.
Hesston 1090
JD 1209

Harvesting
M & W 250 Grain Dryer
IH 93-8'
IH 203 10'
MF 300 w/cab
NI 310 cornpicker

NEW EQUIPMENT FIELD READY
Hesston 7650 SP
Gehl CB 750

Longenecker's, Inc.
At Clappertown Williamsburg, PA
814-793-3731

USED EQUIPMENT

TRACTORS

JD 4240 w/cab, 400 hours
JD 3020G PS
JD 3020 w/cab
JD 4230 w/cab
IH 1086 w/cab 1180 hrs.
IH 460 Utility w/loader
MF 1080 Diesel
White 2-85 w/cab
MM 1050 (sell for parts)

COMBINES

1978 JD 6600 Sidehill
1979 JD 6620 Sidehill
JD 4 and 6 Row Corn Heads
1980 MF 760 338 hrs. w/2 heads
JD 45 w/2 heads

TILLAGE

JD 210 13' Disc
AC 3100 10' Offset Disc
JD 1450 4x16 Plow
JD 1450 5x16 Plow
JD 2700 7B On-Land Plow
JD 145 4x16 Plow
JD 145 5x16 Semi Plow
JD 1600 10' Chisel Plow

Selection of Used Planters including Max-Emerge.

Merry Christmas

Many special thanks go out to all our loyal patrons! Have a happy!

JOHN DEERE

TOBIAS EQUIPMENT CO., INC.
Halifax, PA 17032
Phone: 717-362-3132

SPREAD YOUR DOLLARS FURTHER WITH THESE USED SPREADERS 95-345 BU. CAPACITY

NI 206 ground drive - wide spread
NI 212 flail w/manual gate
NH 512 w/hyd. gate
NI 212 flail w/hyd. gate
NI 211 flail
NI 243 single beater w/hyd. tailgate, T chain and flotation tires
Large selection of used ground drive, barrel and PTO spreaders plus many New and Used ready to go
H M Scavenger II Model 1466, 50' spread pattern
BADGER 800 gal. liquid manure spreader
New Roto Spread Dairy & Feedlot Specials - Barrel Spreaders
New Hawk Bilt 2195's Hyd. Slide Top Barrel Spreaders

NEED A TRACTOR FOR SPREADING, SNOWPLOWING?

AC 180 D, 175, 5040, D19, D17, D15, B
IHC SMTA w/wide front, 464, 364, 230, 140, Cubs
JD 1520, 420, 60
MF 135 Gas & Diesel, 30 Gas, Industrial 165 w/cab and Heavy duty power angle snow blade.
AC 7000 Cab & Air, 200 Cab & Air
FORD 3600 w/cab
JD 3020 w/cab
AC D17 w/loader, 160 D w/loader
Ford 821 Gas w/loader
AC D17 Gas w/loader
IHC 504 w/loader
Kubota 295 DP w/loader
MF 203 D w/loader

Tractor Loader Backhoes
Case 580 gas, JD 300 Diesel

Coming in - JD Log Skidders, 440B w/pwr. shift & turbo, 440B gear drive, 440A gear drive, 440A gear drive w/slight fire damage.

USED SNOW PLOWS

Large selection for Tractors, front end loaders and Pickups
Snow Blowers 3 pt. hitch, 3 pt. blades
Large selection of new double ring tractor chains
NEW KUBOTA tractors with snow plows or snow blowers - All sizes

WOOD CUTTERS

New 3 pt. Hitch Winches
Kubota Wood Splitters
Danhuser
Little Giant Splitters
3 pt. Woodsman Buzz Saws

FEED TO GRIND

IHC 1150 Grinder Mixer, Gehl 120 Mix All, Gehl MX 100 - Very Good Cond.
NH 358 - Like New
Farmhand Regrinder Blower
New Kill Bros. Grain Boxes w/running Gears

MISCELLANEOUS

New & Used Hay and Grain Elevators
Large Bale movers 3 pt. hitch
Feeders Large Bale Roll A Bout
3 pt. Hitch Carry Alls
Danhuser Post Hole Diggers
NH 38 flail chopper, like new
Ford 3 btm. spinner plow, hyd. rotation, trip back beams
Case 350 dozer, Diesel, 6 way blade & wench, scraping for parts.
Vandale 3000 gal. liq. manure spreader for truck mounting
NH 368 tandem barrel spreader, very good cond.

THINK SPRING!!!

IHC 710 Plow, 4 btm., 18" reset
Ford 140 Plow, 4 btm., 18" reset
AC 2000 Plows, 4 & 5 btm., 16" reset
Used Pittsburg 8' 3' pt. Disk
Bush Hog 10' plowing disk
JD 2800 4 btm. adjustable Spring reset semi mount plow - very good cond.
3 pt. hitch chisel plows
12' Brillion roller
USED Grain drills - IHC & Ontario
Used 3 pt. - to semi mount plows - 2, 3, 4, 5 bottoms
2 rw. 3 pt. hitch vegetable transplanter
1 rw. trailer vegetable transplanter

NEW & USED

8' & 10' Brillion Cultipacker Seeders
Disc's, Harrows, & Cultivators

THIS WEEK'S SPECIAL
New Van Dale Liquid Manure Spreaders - 1500 gal. tandem axle vacuum tank 2250 Tandem Axle Liquid Spreader
Your Choice - $6250
IH S8 Log Skidder Diesel, Good Economy Log Skidder — only $5975

HOLIDAY SPECIALS

New 3 pt. Hitch PTO Driven wood saws, $495.00
New 3 pt. Hitch Rear Scraper Blades, $245.
New 3 pt. Hitch, 7½' Disk Harrow, $645.00.
NI 323 1 row $3250.00
NI 325 2 row Narrow $4975.00

We At Marshall Machinery Wish You A Merry Christmas, Happy New Year and Thank You For Your Patronage During The Year.

MARSHALL MACHINERY INC.
5 Miles East Honesdale, PA on Rte. 652
Phone 717-729-7117

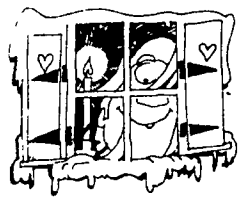
Ford Tractors Equipment — AVCO NEW IDEA — HESSTON FARM EQUIPMENT

SPECIAL
New NI 323 Picker

USED EQUIPMENT

Oliver 1850
Ford 140 4B Mtd. Plow
Bush Hog 12' Disc Harrow
NH Bale Elevator
(2) White 5400 4R Planters
Noble 25' Field Cultivator
NI 402 Rake
Ford 2R 309 Planter
Ford 501 Rr Mower
White 8700 Combine Dsl Hydro, air
White 8600 Combine, dsl hydro, air
NH 320 Baler
1068 Haybuster no till drill (demo)
Fox 728 2R Corn Head

Best Wishes



We have bright hopes for a very merry Christmas May it be the best one yet!

We are Your Certified Better-Bilt Dealer

STANLEY'S FARM SERVICE
RD Box 46
Klingerstown, PA
717-648-2088

NEW TRACTORS

JD 1050
JD 2440
(3) JD 2940 $20,000 ea.
JD 4240 QR, SG Body $35,000
JD 125 Ski Steer Loaders, Dsl. & Gas
JD 125 Skid Steer Loader Gas $12,500
JD 90 Skid Steer Loaders

NEW MACHINERY

JD 445 Spreaders
JD 235 19' Disc $10,000
JD 1209 Mower Conditioner $7000
JD 2700 5x18 Plow
JD 1250 Plow 3x16 $1800 N/T
JD 1250 Plow 4x16 $2450.95
JD 7000 Conservation Corn Planters 4R & 6R
JD 16x10 FF Drill $4000
JD 327 Baler w/ejector

USED MACHINERY

1981 White Combine #7300 w/704N 4 Row Corn Head $30,000
1-JD 55 Combine, 235 C.H. and 12' Platform $5000
JD 400 Tractor Model 1981 w/60 mower and Peco grass catcher $5300
1-Yazoo Tractor and Mower Model 35 $2800
1-JD 4620 Tractor, new paint, new tires on rear, year round cab $15,000
JD 7020 Tractor $16,000
IHC 460 Tractor, Backhoe Loader $8,500
AC 6080 Dsl. Tractor, 239 hrs., like new $18,500
2-18x4x30-8 Ply Tires and wheels for Gleaner Combine $500
1-Landmaster Tiller and 3 pt. hitch $250
JD 800 SP Windrower $3200
JD 1500 Power Till Seeder $4000
FH10 Hesston Stacker and Mover $4000

WALTER'S SALES & SERVICE, INC.
JOHN DEERE
RD2 Box 49
Mifflinburg, Pa.
717-966-3778
JD Agricultural Dealer and CP

WISCONSIN HEAVY DUTY ENGINES

YEAR END SPECIALS

Wisconsin

VH4D 30 HP for N.H. Loader	$1425
w/clutch-reduction, electric start	$1895
Crank start	$1550
AENLD 9 HP w/clutch reduction	$900
S14D 14 HP w/clutch reduction electric start	$1275
VG4D 37 HP w/clutch reduction	$2275
V465D 65 HP w/clutch reduction	$2800

(Engines in stock to fit most popular skid loaders)

Wisc.-Robin

W1-145 3.5 HP	$205
EY18-3W 4.6 HP	$249
EY27W 7.5 HP, recoil	$326
EY27W 7.5 HP, electric start	$468
EY27W 7.5 HP, w/clutch reduction	$413
EY27W 7.5 HP w/pump shaft	$320
EY44W 10.5 HP, recoil	$450
W1-390 11 HP, electric start	$589

Kawasaki

KF24GS, 2.4 HP, 2100 rpm	$129
KF34GS 3.4 HP, 2100 rpm	$139
KF53GS 5 HP, 2100 rpm	$145
KF64GS 6.5 HP, 2100 rpm	$185

Honda

G200 5 HP	$250

Deutz Diesels

F2L511, 2 cyl.	$2100
F2L410, 2 cyl., used	$1150
F5L912, 5 cyl., used 200 hrs.	$4200

Ford Industrial Short Blocks

300 CID Gas	$750
256 Diesel (Fit 5000 Tractor)	$1050

FISHER ENGINE SERVICE
3141 Old Philadephia Pike
BIRD-IN-HAND, PA 17505
(717) 768-3729

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

NEUHAUS'ES INC. WINTER SPECIAL
EARLY STOCK ORDER PROGRAM ON PARTS

DECEMBER 1982 THRU JANUARY 1983

ALL JD PARTS 10% discount

ALL PLOW BOTTOM PARTS 10% + 5% DISCOUNT

ALL STOCK ORDERS MUST BE (1) PER CUSTOMER 200.00 OR MORE, AND BE PAID CASH, PACE, VISA OR MASTERCARD WHEN PICKED UP.

NEUHAUS'ES INC.

Country Rd.
RD #2 York, Pa
717-428-1953
PARTS # 717-428-1955

INTERNATIONAL® AGRICULTURAL EQUIPMENT

NEW TRACTOR SPECIALS

IH 784 4 wh. dr. w/TA
IH 3688 w/rops and 18.4x38 tires
IH 3688 w/cab & 18.4x38 tires
IH 5088 w/cab and 20.8x38 tires
IH 3088 w/16.9x38 tires
IH 784 w/TA
IH 684 w/TA

NEW EQUIPMENT SPECIALS

TILLAGE
IH 510 4F 18" plow
IH 720 6F 18" plow
IH 5500 Chisel plows
IH 475 12' disk
IH 415 12' packer mulcher
IH 4500 12' vibra shank cultivator

HAY AND FORAGE
IH 1190 9' mower cond.
IH 600 forage blower
IH 120 forage box
IH 881 forage harvester w/hds.

PLANTING EQUIPMENT
IH 5100 16x7 drill w/out fert.
IH 5100 18x7 drill w/out fert.

SPREADERS & MISCELLANEOUS
IH 540 spreader 185 bu.
IH 550 spreader 215 bu.
IH 560 Spreader 245 bu.
IH 30' 8' blade
IH 40' 8' blade
IH 2250 loaders

ALL EQUIPMENT ON STOCK

USED TRACTORS

IH 186 D w/cab hydro nice . . $22,500
IH B275D Tractors $1150
IH 806 D w/3 pt. $8500
MF 1080 D . . . . . Coming In
IH F 300 Gas w/2 pt. $1750

USED CORN HARVESTING & COMBINE EQUIPMENT

IH Sheller for 234 Picker $950
Fox 1 Row Corn Head for a 546 . $150
JD 30 Pull Combine $1150

USED HAY EQUIPMENT

IH 990 7' mower conditioner . . $1750
IH 37 Baler w/thrower $1800
IH 27 Baler w/thrower $1500
NH 469 mower cond. $2350
Hesston 1010 10' hydro-swing mower cond. $3500
NH 770 Forage Harvester w/2 RW narrow head and pick-up unit $5250
IH 2 rw wide and narrow head for 720 and 830 harvesters $1650
IH 45 Table Blower $200
JD Bale Thrower, for a 24T Baler $150
IH 120 Mower (Balanced Head) . $650
Brady 6' Stalk Cutter $450

Waiver of finance until 6-1-83

USED TILLAGE

IH 315 - 12' packer mulcher w/cyl. $2150
Ford 142 Auto. Reset, 5F, 18". $2250
IH 401 16' Harrow $600
Athens 8 Tooth mted. chisel plow $1250
Leley Roterra 12' $950
IH 60 3F 14" trailer plow $375
IH 550 5F 16" plow $1250
IH 710 5F 16" plow w/cyl. $2250
IH 37 10' disk $750

SPREADERS AND MISC.

Hawk Bilt 2195 Flail (New) spreader w/hyd lid $5350
NI Model 211 Spreader (Nice) . $1350
NI Elevator $200

USED PLANTERS AND DRILLS

IH 510 16x7 D.D. Comb. drill. . $3250
IH 56 4 row $1250
IH 400 4 row 38" $1500
JD 494 A w/new hoppers $1350
IH 400 6 R 30" Planter, w/insect $4500
IH 249 2R planter $500

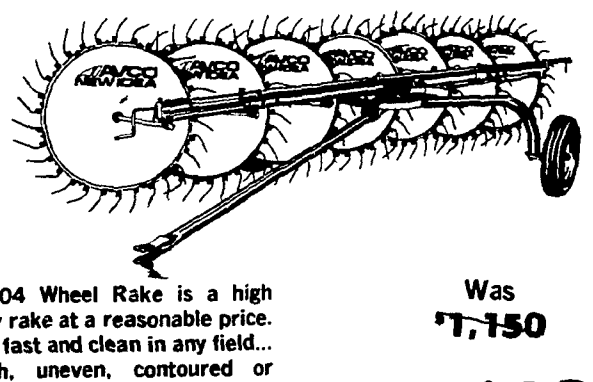
Waiver of finance until 5-1-83

MIFFLINBURG FARM SUPPLY, INC.

East Chestnut St., Mifflinburg, PA 17844
Phone: (717) 966-3114
Evenings - 717-524-2924 - Frank Saner

Winter Specials...

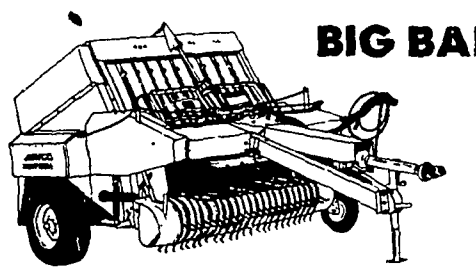
NEW IDEA MODEL 404 SPEED WHEEL RAKE



The 404 Wheel Rake is a high quality rake at a reasonable price. Rakes fast and clean in any field... smooth, uneven, contoured or hilly. Plus, it costs less to buy and less to maintain.

Was ~~$1,150~~

TRUCKLOAD SPECIAL $1050



BIG BALER SPECIAL

BUY NOW AT DISCOUNT OR RENT FOR $5 PER BALE!

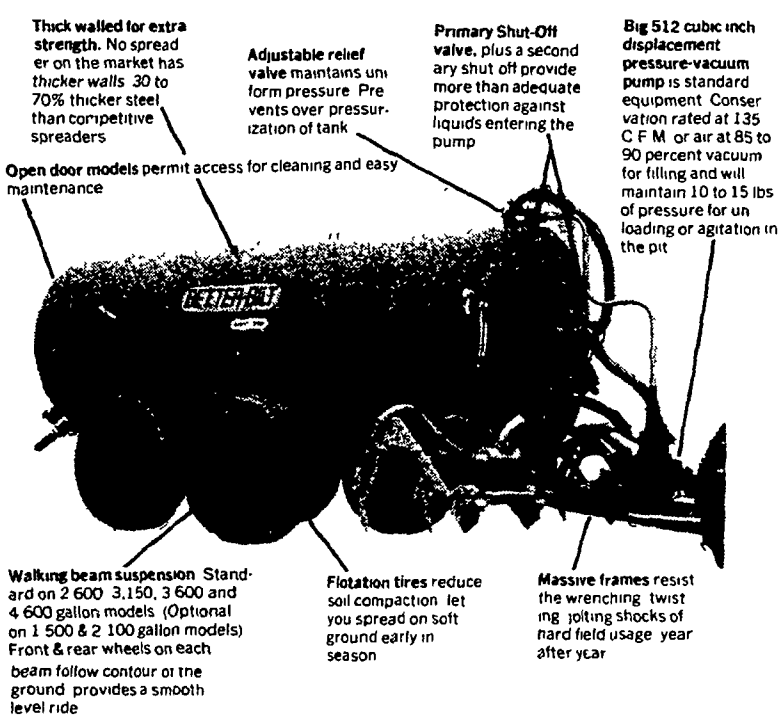
ZIMMERMAN'S FARM SERVICE
Bethel, PA
Phone 717-933-4114

AVCO® NEW IDEA

BRICKERVILLE EQUIPMENT

SALES * SERVICE * PARTS
537 E. 28th Div. Hwy. Lititz, PA 17543
717-626-6198

Outstanding Features


Thick walled for extra strength. No spreader on the market has thicker walls 30 to 70% thicker steel than competitive spreaders
Adjustable relief valve maintains uniform pressure Prevents over pressurization of tank
Primary Shut-Off valve, plus a secondary shut off provide more than adequate protection against liquids entering the pump
Big 512 cubic inch displacement pressure-vacuum pump is standard equipment Conservation rated at 135 C F M or air at 85 to 90 percent vacuum for filling and will maintain 10 to 15 lbs of pressure for unloading or agitation in the pit
Open door models permit access for cleaning and easy maintenance
Walking beam suspension Standard on 2 600 3,150, 3 600 and 4 600 gallon models (Optional on 1 500 & 2 100 gallon models) Front & rear wheels on each beam follow contour of the ground provides a smooth level ride
Flotation tires reduce soil compaction let you spread on soft ground early in season
Massive frames resist the wrenching twisting jolting shocks of hard field usage year after year

Sizes - 800 gal. thru 4600 gal.
Both vacuum & augermatic spreaders for truck mount or trailer type

SPECIAL

1 - USED BETTER BILT 2600 Gallon VACUUM SPREADER w/Tandem Axle and 4" Suction Hose, Plow Down Attach.

1 - Used 5½ ft. Pickup Head for JD 3940 Harvester, good condition.
One 7' Myers snowplow for Ford ½ ton pickup, good condition

CALL US FOR YOUR NEEDS OF

- Farrowing Crates
- Lagoon Pumps
- High Pressure Pumps

TRACTOR LOADER FOR SALE
Model 4000 Ford Tractor w/Heavy Duty Model 720 Ford Loader. Excell. Cond.
$4250
717-677-8168

TRACTORS

- Case VAC
- Case 870 Tractor
- Case 930 Tractor "CK"
- Case 430
- David Brown 990 w Loader
- Oliver 500
- Oliver 880
- Oliver 1750
- White 2-105 Tractor
- Int 656 Tractor

LOADERS

- Case 1816 Skid Loader
- Case 450 Crawler Loader
- Case 450 Crawler Dozer
- Dunham Lehr No 2 Loader
- IH 3200 Skid Loader

TILLAGE

- Case 6-Bot Plow, 20"
- Case Disc Harrow, 10'
- Case Disc Harrow, 12'
- JD 12' Disc Harrow
- Oliver 2 Bot Trailer Plows
- Brady Field Cultivator
- Oliver 4 Bot Mtd Plow
- Used Cultipacker

HARVESTING EQUIPMENT

- Case 600 Combine w/3-Row Head
- NI Unisystem 702 Tractor, 710 Combine & 760 Harvester
- NI 709 Uni-System
- NI 315 Gathering Unit
- NI 316 Husker
- NI 315 Sheller
- NI 729A Sheller
- NI 727 Husking Bed
- NI 767 Super Chopper
- NI 737 Cornhead
- NI 323 1-Row Cornpicker
- NI 2-Row Cornpicker
- Int. Mtd. Picker, 2 Row
- IH 550 Harvester w/Pickup
- JD No. 25 Harvester
- Case 300 Harvester
- JD Chopper
- NH 717 Harvester
- Kools Forage Blower
- Gehl 1200 Harvester w/pickup and 2-row cornhead

HAY EQUIPMENT

- NH 488 Windrower
- NH 469 Windrower
- Hesston PT 10
- Hesston 1090 Windrower
- Dump Rake
- 3 pt Hookup Mower
- Bale Thrower Wagon
- Case Hay Rake
- JD Hay Rake
- NI Hay Rake
- NI 456 Round Baler
- JD 14T Baler w/thrower

MISCELLANEOUS

- Ford 4-Row Corn Planter
- JD 2-Row Planter, Pull Type
- IH 400 Corn Planter, 8 Row
- 10 Used Spreaders
- NI 218 8½ ton Spreader
- Potato Grader

SPECIAL
• 3 USED WINDROWERS!
• NI 456 Round Baler
Was $8,500
Special $7,800!

ZIMMERMAN'S FARM SERVICE
Bethel, PA
Phone 717-933-4114

FARM EQUIPMENT FARM EQUIPMENT

A Christmas Wish...
May your holiday be wrapped up in love, peace and happiness

L.L. ECKROTH FARM EQUIPMENT, INC.
RD2, New Ringgold, PA
717-943-2367

JOHN DEERE **Nothing runs like a Deere**

THIS WEEK'S SPECIAL
(Demo)
BOBCAT 743 SKID STEER LOADER
CALL FOR PRICE

Used 6600 JD Combine w/13' Grain Head and 4 RN Corn Heads

USED TRACTORS
JD 2840
JD 50
Farmall A w/Cultv, Plow & Pulley
IHC 86 Dsl. w/Loader

USED CORNPLANTERS
JD 1240
JD 1260 w/monitor
JD 246
JD 7000 4 R Wide

USED HAY & FORAGE EQUIPMENT
JD 6600 Combine w/Grain Platform & 4RN Corn Head
JD 3940 Harvester w/Electric Controls
Fox 2200 Fg. Harv. w/2 heads
NH 717 Harvester w/Corn & Hay Pickup
NH 3RN Corn Head
JD 244 Snapper Head for Fg. Harvester
JD 3RW Corn Head
NH 1002 Bale Wagon
JD 24T Baler
NH 271 & 269 Balers w/Throwers
JD 24T Baler
JD 14T w/Thrower
JD Hay Crimper
Hesston 1010 Swing Tongue.
OMC #216 9' Mower Cond.
JD 15A Chopper
NH #33 Crop Chopper
NH 27 Blower
NH 56 Rake
JD 216 Fg. Wagon w/Tandem Axle

USED TILLAGE
IH 13' Transp. Disc
Pittsburgh 12' Transport Disc.
IH 4B Spring Reset Plow

MISCELLANEOUS
Oliver Fertilizer Spreader
15 HP 3 phase elec. Grain Dryer Motor
NH 352 Grinder Mixer

NEW TRACTORS
JD 4250 SQ MFD 15 SP, PS, Trans.
JD 2940 SG

NEW HAY & FORAGE EQUIPMENT
JD 5720 SP Forage Harvester
NH 718, 782, 892 Fg. Harvesters
JD 3940 & 3960 Fg. Harvester
JD 506 Gyamor Mower
JD 316, 327, 337 & 347 Balers
NH 311 & 320 Balers
NH 847 & 851 Round d Balers
NH 488, 489, 495 & 1495 Haybines
JD 670 Rake
JD 660 Rake
NH #8 Fg. Wagon
JD 714 Fg. Wagon
H&S Fg. Wagon
H&S Bale Wagon

NEW PLANTERS
JD 7000 4 & 6 Row Consv.

NEW TILLAGE
JD 950 Roller Harrow
JD 2600 4B Plow
JD 1600 Chisel Plow
JD 115 & 215 Disc Harrows
JD 215 Dura-Cushion Disc Harrow
Haybuster No-Til Drill Also for Rent

NEW SKID STEER LOADERS
Bobcat 743 (Demo)
Bobcat 743

NEW SPREADERS
NH 519
Martin V Type & Scavenger
H&S #295 Spreaders

NEW DRILLS
JD 8200 18x7

NEW MISCELLANEOUS
JD 335 Skid Sprayer
Most Model JD Loaders & Blades

NH Finance Buyers Choice
- Cash Rebates
No Interest Finance Available

No Finance Charge on new and used JD tractors until June 1, 1983
50 Series Tractors 3/1/83

Store Hours
Mon, thur. Fri. 7:30 to 4 30
Sat. 8:00 to 12 00

CLUGSTON IMPLEMENT, Inc.
1 Block off I-81 Exit 8
Chambersburg, PA 17201
Phone: 717-263-4103

bobcat NEW HOLLAND

Case GEHL HESSTON SAME

★ **End of '82 - Cash & Carry Specials!** ★

New Waldon Blade, 9 ft. heavy duty dozer blade, front mounted	$1,695
New Knight 252 Manure Spreader	$5,295
New Gehl HL 360 Skid Steer Loader (Demo)	$6,895
New Gehl HL 2600 Skid Steer Loader (Demo)	$5,995
New Woods RB600 6 Ft. Blade (Shop Worn)	$ 450
New SAME Saturno "80" (4 WD, 80 HP) w/Hardy Loader	$17,995
Used Case 1150 Crawler Loader (Excellent for cleaning fence rows & digging slate)	$13,995
Used Universal Skid Loader	$3,195
Used Bobcat 632	$6,295
Used Gehl 4400 (only 1450 Hours)	$7,500
Used Case 1737 (excellent condition)	$4,995
Used Case 1816 "C" ('81 Model, only 219 Hours)	$4,995
Used Gehl 120 Mixmill	$2,995
Used Gehl 115 Mixmill	$2,995

STOUFFER BROS. INC.
1066 Lincoln Way West, Chambersburg, Pa.
Phone 717-263-8424

STRALEY FARM SUPPLY
Ford Tractors Equipment
1760 E. Canal Road
Dover, Pa. 17315
Farm - Industrial Equipment
717-292-2631 717-292-4443

All New Ford Tractors (from 12 to 300 HP) Interest Free until January 1, 1984
Free 1983 Ford pickup

Free Ford Ranger Pickup

TW30 4 Wh. dr., dual rear wheels, w/radial tires, cab & air, front & rear weights, training tractor, 163 HP, **$42,000**

OR

TW10, 110 HP, cab, radio heater & dual power, lease tractor **$28,000**

TRACTORS
Ford 8600
Several Cub Lowboys w/5' mowers
New Ford 3610 diesel w/8x4 syn-chromess trans. **$9,995**
New Ford 1900, 4 wh. dr., diesel,
2600 Ford, cab, front broom **$10,995**
5600 Ford, 4 wh. dr., Blue Power Special
5600 Ford 150 hrs. looks sharp
AC D10 w/loader good shape
Ford Jubilee engine complete overhaul
Ford 800, good shape, 3 pt. hitch
Ford 8N's good rubber, motor good.
David Brown 4600 select-o-matic w/3 pt. hitch **$1,495**
Ford compact loader, CL40, 750X15 truck tires, **$5,900**
Ford 4610 8 speed transmission, front weights, roll bar
Gehl Skid loader model HL 3030 **$2,500**
New Ford CL 20 compact loader diesel engine **$7,495**

EQUIPMENT
Big Dipper front end loader model 672W **$1,500**
NI 310 pull-type 1 row picker
Ford 1 row mounted corn picker **$495**
Brady portable hydra mixer, model 1050 **$2,495**
New gravity boxes several to choose from
New IH model 720 forage harvester w/corn & hay head **$7,500**
New Speedy corn crib, 1200 bu. **$795**
NH model 975, self-propelled combine, 13' grain head **$2,995**
New Ford silo blower model 618
Ford chisel plow 131 10 shank **$1,595**
Used 350 Chief grain dryer **$2,495**
New post hole diggers w/auger **$275**
York blade 6' 3 pt. hitch
Hanson snowblower, 3 pt. hitch, **$1,000**
Myers snowplow, for truck, 10', complete mounting **$800**
Selection of used loaders

INDUSTRIAL EQUIPMENT
TLB Ford #4500 diesel engine
Ford TLB 550 w/cab, heater, torque converter, real sharp **$18,900**
Ford Tractor w/forklift model 4000
AC grader w/diesel engine, 6 cyl.
IH truck 550 diesel
Fruehauf 42' drop deck trailer air rides 1976 model **$6,900**
5 industrial trailers, all sizes, priced right prices low as $1,995

Just in time for Christmas-
Ford toys - 20% discount
Match box tractors & cars, TLB's
Riding Tractors, Complete farm set
Call us and place your order.
We will mail UPS to you.
Sale ends December 31

BALDWIN ELECTRIC MOTOR DIVISION, INC.
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AC & DC MOTORS
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May Gifts Of Love Be Yours... To Brighten Your Holiday.

FARMERSVILLE EQUIPMENT INC.
RD 4, East Farmersville Road
Ephrata, PA 17522

CHECK OUR DECEMBER PRICES AND TERMS FOR NEW & USED EQUIPMENT

NH L35 SKID LOADER W/66" BUCKET, 125 HRS. DEMO AND RENTAL	$11,000
NH 851 LARGE ROUND BALER WITH FREE RAKE OR MOWER.	UNDER $10,000
NH 800 510 BUSHEL SPREADER, ENDGATE. CALL FOR SPECIAL PRICE AND TERMS	
3200 GALLON RENTAL LIQUID TANK WITH INJECTORS	$7500

NH 519, 679, 791, 800 Flat Bed Spreaders
NH 367 210 bu. tank spreader, hyd. lid
NH Mowers, Rakes, and Wagons
NH 315 Baler and 70 or 75 Thrower

USED EQUIPMENT

NH 354 Grinder Mixer w/20' Auger	$3350
NH 518 Spreader w/gate	$1750
JD 44 Spreader 3 btr.	$350
NH 1469 SP Haybine, Ford PU	$3575
NH 273 PTO Baler, Ld. Chute	$1550
NH 273 Engine Baler, Ld. Chute	$2475
NH 269 Baler w/thrower	$1575
Ford 250 PTO Baler	$475

Twine, Toys, Paint, Heaters
Call to schedule shop repair work.

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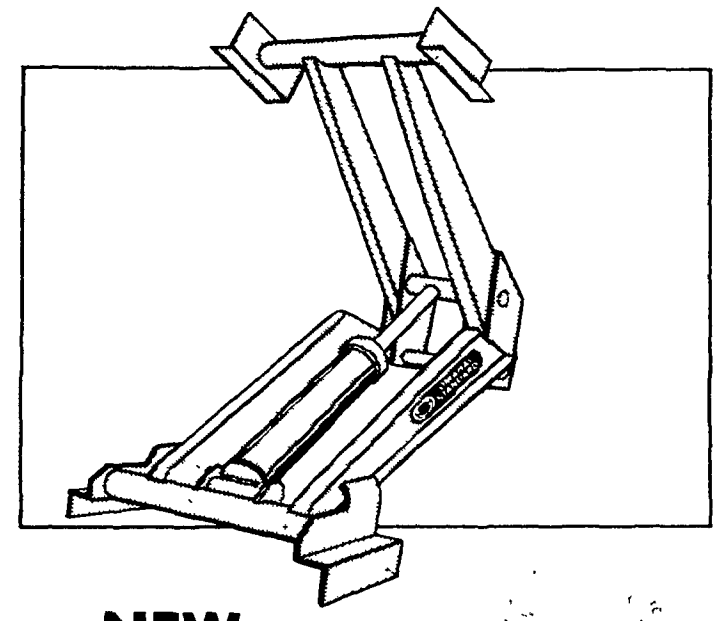
700 Woodcrest Avenue, RD3, Lititz, PA

Omaha Standard Introduces

The 61DH "Low Profile" Scissor Hoist



The latest addition to Omaha Standard's line of single cylinder scissor hoists. The 61 DH (drop hinge) hoist has the performance qualities you've come to expect from Omaha Standard.

- Low mounting height...low profile, 8.125" mounting height eliminates cutting of body cross sills, minimizes installation time.
- Rugged design... the 61 DH is ideal for farm and contractor body applications.
- Tough, reliable construction...critical components of Omaha Standard hoists are made from special high-strength, low-weight steel.

MODEL 61DH (Drop Hinge) SPECIFICATIONS

- Cylinder: Bore = 6"; Stroke = 24½"
- Chromed Rod Diameter: 2½"
- Body Lengths: 13'6" to 18'
- Approximate Weight: 730 pounds
- Class "E"
- Mounting Height: 8-1/8"
- Pump Options: 8 piston or or electric gear
- Double-acting (except with electric gear pump)
- Operating Pressure: 3,000 psi
- Shipped complete with body prop (less PTO and oil)

MODEL 61DH HOIST LIFTING CAPACITY

- 16' Body w/36" overhang at a 45° dumping angle . . . . . 15 Tons
- 17' Body w/36" overhang at a 45° dumping angle . . . . . 14 Tons
- 18' Body w/36" overhang at a 45° dumping angle . . . . . 13 Tons

Complete Hoist Package $1550.00
Installation & PTO Extra

NEW OMAHA STANDARD GRAIN BODIES IN STOCK

2 - 12 ft. w/40" or 52" Steel Grainsides
2 - 14 ft. w/52" Steel Grainsides
2 - 16 ft. w/40" or 52" Steel Grainsides
1 - 17 ft. w/52" Steel Grainsides
1 - 18 ft. w/52" Steel Grainsides
1 - 19 ft. w/52" Steel Grainsides
1 - 20 ft. w/52" Steel Grainsides

20 MORE OMAHA STANDARD GRAIN BODIES COMING IN JANUARY 15, 1983

USED OLIVER TRACTOR PARTS

2- Hydra - Power Transmission Rebuilt
1550, 1600, 1650 $1000.00 Exchange

2- Hydra - Power Transmission Rebuilt
1750, 1800, 1850, 1900, 1950 $1250.00 Exchange

3- Wide Front Axle Assemblies

Reconditioned Oliver Crankshafts with Bearings in stock

1- L-119-B, .020 Rods & .020 Mains
66 Gas
1- L-119-D, .010 Rods & .010 Mains
Super 55&66, 550, 660, Gas & Diesel

1- M-119-D, .020 Rods & .020 Mains
Super 77, 770, Gas & Diesel

1- K-119-D, .010 Rods & .010 Mains
Super 88, 880, Gas & Diesel

1- 155-883-A, STD. Rods & STD Mains
1600 Diesel

1- 155-884-A, .010 Rods & .010 Mains
1600, 1650, 1655, Gas

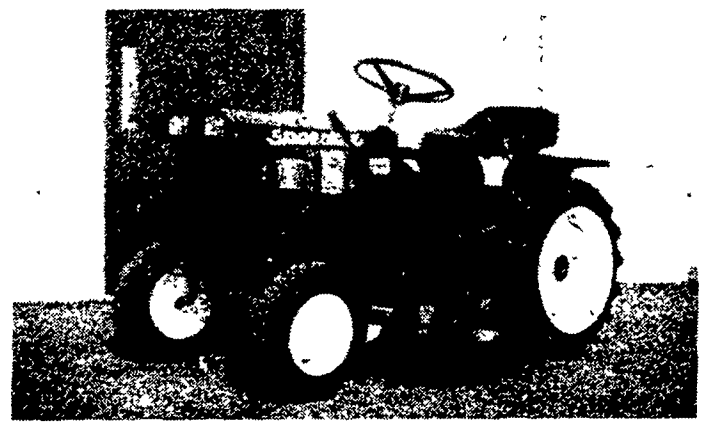
1- 155-897-A, .010 Rods & .020 Mains
1650, 1655, Diesel
1750, 1755, 1800, Gas

1- 30-307-8663, .020 Rods & .020 Mains
1750, 1755, 1800, 1855, 1950 T, 1955, Diesel
1850, 1855, Gas

Reconditioned Oliver Cylinder Heads with Valves

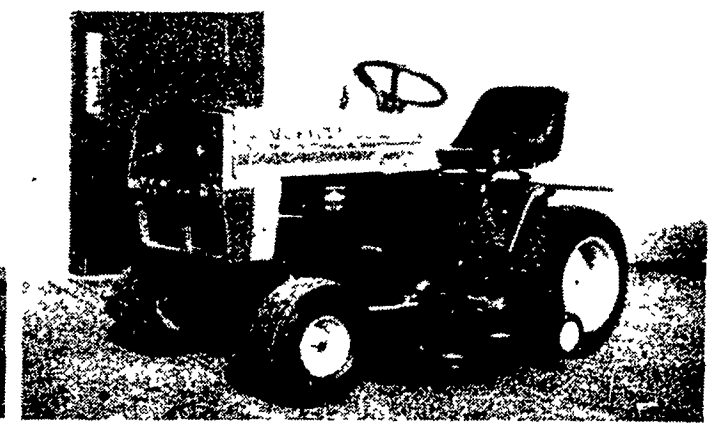
1 - 60 Gas 1 - 55 Gas 1 - 1855 Diesel
2 - 550 Complete Rebuilt Gas Engine
1 - 550 Complete Rebuilt Diesel Engine
1 - New 770 Short Block

Call Paul Weaver For All your NEW & USED Oliver Replacement Parts. We Will Ship UPS



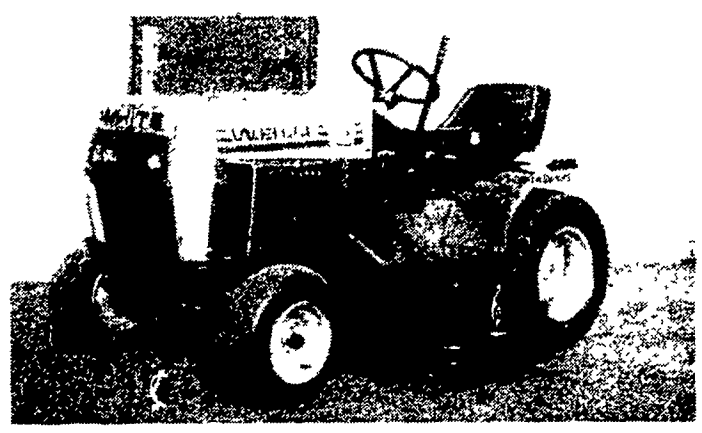
NEW SPEEDEX 1040 GARDEN TRACTOR
10 HP, Electric Start, 4 Speed w/36" Rotary Mower and 42" Snow Blade.

List Price $2767.00 OUR PRICE $1895.00



USED WHITE LGT 1610 LAWN TRACTOR
16 HP, Twin Cylinder, Electric Start, 4 Speed w/ 44" Rotary Mower & New 40" Snow Thrower.

COMPLETE $2195.00



NEW WHITE GT 1822 GARDEN TRACTOR
18 HP, Twin Cylinder, Electric Start, 4 Speed w/ Variable Drive, 50" Rotary Mower & 45" Snow Blower.

List Price $4746.00 OUR PRICE $3495.00

1974 INTERNATIONAL V8 GAS
13 Speed, Reconditioned w/New 18 Ft. Aluminum Grain Body, 60" Sides, Double Acting Tailgate, Harsh RL108 Hoist.

$22,500.00

HOLIDAY HOURS
Closed
Fri., Dec. 24
and
Fri., Dec. 31st

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RD 4, East Farmersville Road, Ephrata, PA 17522
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Bolens DIESEL TRACTORS

WHITE FARM EQUIPMENT

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A Prayer for Christmas
May the spirit of Christmas inspire mankind to persevere in quest to the blessing of Peace on Earth

SHOW-EASE STALL CO.
573 Willow Rd., Lanc., Pa.
Yours For Better Dairying

USED EQUIPMENT

TRACTORS:
IH 574 D Row crop - $8,500
IH 574 Gas, Utility
IH 1566 D., Cab & Air, 30.5x32 tires, new TA, Real Nice - $18,500
JD 4520, 20.8x38 Radials, No Cab - $12,500
606 Diesel Utility, 3 pt. - $4,900
IH 560 Gas, 400 Gas
IH 350 Farmall, PS
IH 460D, Utility - $1,800 as is
IH 544 Gas w/2000 Loader - $6,500
(2) Farmall M
MF TO-30 w/Turf Tires
MF TO-30 w/Ag Tires
Leyland 154 Gas w/Turf Tires

COMBINES:
915 Combine, Low Hours, Like New
844 Cornhead, Like New
810 13' Cutter Bar
MF 410 Gas, w/34 Cornhead & 13' Platform
KKS Gleaner, 10' Platform, 2 Row Corn head, like new
FKS Gleaner Diesel 4 Row Wide, 12' Platform
Waiver of Finance Til 9/1/83

TILLAGE:
JD TO 310, 32 Disk, Real Nice
JD 111 10 ft. Disk Harrow, Like New
IH 470 Disc Harrow, 15' Folding, 7½" Spacing
IH 760 14' Offset Disc
Bush Hog 18' Folding Disc
Pittsburg 12' Disc
IH 370, 350, 37, 35 In Various Sizes
Cub 2-Way Plow
Oliver 4-Bot. Semi-Mtd. Plow
IH 531 3 pt. 3 Bot. Plow
IH 550 5-Bot. 16" Semi Mtd. Plow
MF 3 pt. Mtd., 3 Bot. Auto Reset Plow
Dunham 8 Shank 3 pt. Chisel
IH 13' Trailing Chisel
Glencoe 12' 9 Soil Finisher — $4,500

IH 315 Hydro (For Parts)
IH 403 w. 4-Row Wide Head & 12 ft. Grain Platform
IH 315, 2-Row Wide Head
IH 205 w/227 Head
IH 203 w/2 Row Head
IH 227 Cornhead, fits 315, 205 or 203
Straw Chopper for Gleaner M
Set of Tires & Rims for 1420 Combine - 23x134 Rice tires

PLANTERS:
(2) IH 56 4-Row Planters
4 & 6 Row Cyclos, Field Ready!
IH 4-Row Front Mtd. Cultivator-Late Model
JD FBB 17x7 Comb. Single Disc, Good Shape!
JD 3 pt. 4-Row Wide Cultivator
JD FBB 17x7 DD
IH No. 10 13x7 Plain Drill
IH No. 10 16x7 Single Disc, Comb., Hyd. Lift
IH No. 10 16x7 Single Disc, Comb.
Oliver 24x6 Combination Drill
MF 13x7 Comb. Drill
Ontario 16x7DD Plain, Late Model
IH 510 18x7 DD, Plain Drill

HAY & FORAGE EQUIPMENT:
MC 60 2-Row Shredder, Like New
IH 990 Mower Conditioner, 9', Steel Rolls, Very Nice Cond.
LAMCO Forage Wagon
IH 110 Forage Wagon
#5 Flail Chopper, Real Nice!
#8 Flail Chopper, Like New
33 NH Flail Chopper
JD 115 Forage Wagon
Gehl FBB 88 Blower
Gehl FBB 99 Blower
Badger TA-54 Blower, Like New
38 JD Chopper
550 IH Chopper
1014 Hesston Mower Cond.
NH 479 Haybine
JD 894 Rake
IH 430 Baler w/Thrower

MATERIALS HANDLING:
IH 1850 Loader
Century 300 Gal Sprayer
Hansen 300 Gal. Sprayer, 42 Ft Booms
157 Hawk Bilt Spreader - $995
Int 550 Spreader w/End Gate
Int. 540 w/End Gate - Was $1995 Now $1395

MISCELLANEOUS:
Used CP Model 250 Rotary Vane Air Compressor w/IH 282 Diesel Engine Mounted on CO 1600 Int. Truck - $3900

ERB & HENRY EQUIP., INC.
New Berlinville, PA 19545
Ph (215) 367-2169
Daily 7 to 5
Sat 7 to 3

A Christmas Wish...

May your holiday be extra special... filled with all the things you treasure!

(Combines, Tractors and Equipment on our Lot.
(Combines) Used 1980 New Holland TR 70 w/cat engine, like new with grain and 6 row C.H. Excel; Used 1980 JD 8820 fully eq. w/843 corn head real nice. 1981 JD 6620 turbo Hydro, 200 hrs., like new. 1977 JD 4400 Dsl. CA real nice like new; JD 8820 fully eq. w/4 whl drive and dual wheels used 450 hrs. like new for $68,500. New JD 4420 fully equipt. 443 C.H. 1975 JD 6600D rotary screen, good cond. 1976 Int. 715D, w/air & 13 ft. grain, field ready, never used in corn, Gleaner N5 fully eq. w/15 ft. grain and 6-30 C.H. 1977 Gleaner L2 hydro w/6 row C.H. 1976 Gleaner FD w/air and both heads (1 local owner); 1976 Gleaner KKS cab & air w/grain $12,500, 1976 Int. 915 grain head $19,900, 1979 MF 550D, excel. w/grain and corn heads. 1975 MF 510 hydra. w/grain and corn. 1973 Int. 915 gas w/grain head $8750. MF 510D w/cab, Quick Tach grain for $6950.
1968 Gleaner CII diesel w/cab and 4 row C.H., JD 7700 D w/grain & corn head for $24,500, JD 6600 D w/air & 13 Ft. grain.
1969 JD 55 sq. back corn special w/cab and 2 heads; Int 715 gas w/cab, 810 grain Int. 810 13 ft. floating cutter bar.
Used JD 213 and 215 flex heads.
Late model Int. 303 w/cab, N.H. 985 w/cab and grain and 4 row 38" C.H. 1972 Gleaner F w/grain & C.H. NI 702D w/cab $6200. NI 702 w/729 A sheller.
TRACTORS & EQUIP. Farmall 1566 w/cab and duals, Used White 2-105 w/roll guard, Ford 4000D w/1400 hrs. excl.
New John Deeres 4040 w/Power Shift and R.G. for $23,950, New JD 4240 cab & air Q.R. for $30,000, (6) real nice balers, JD 336 w/thrower, NH 320 w/thrower, used 1 season. NH 315 w/thrower, NH 851 Round Baler (nice); JD 500 Round Baler; Hawk Built round baler.
Corn Heads JD 643, 444, 843, 343, 443, 435N, 313 for 45C, 334, 235, Massey Ferguson 1144 like new, 63, 43, 44, 24, 222, 422, Gleaner L438, F430, F438, K238, F335, F330, M430, K330, Int. 863, 864, 843, 743, 227, NI 4 row 40" heads, Case 4 row 40", MF 44 & 43 Lo Profile, Int. 6 row, 30" for 503, NH 4 row 38" C.H. New JD 444 $7350, New JD 643 $12,500, used White 706N C.H.
New Int. 5088 fully eq. new Farmall 1586 w/radial tires and triple outlet for $29,500, Farmall 706 gas, 806 diesel w/cab original-Nice. 1206 real nice, new JD 4440 C.A. Quad w/radial tires, used JD 4230 w/R.G. and creeper gear, 2630, 1966-4020, 3020D WF and Diff lock. We have 5 JD 4020 side console diesels. JD 2440 w/R.G. 2840 for $11,600, 1970 JD 5020, 4010D WF w/dual hydraulic, Ford TW20 w/cab w/220 hrs., damaged, give us an offer, 1972 JD 4020D, WF.
TRACTORS AND EQUIP. REC. THIS WEEK. JD 4640 power shift fully eq. w/300 hrs., like new for $33,800.; Farmall 1086 w/front wheel drive used 800 hrs., JD 4630 P.S. (SOLD) w/front wheel drive, Oliver 2255 w/cab, Case 1210, Farmall 826D nice original, New NI 324 picker w/super sheller list $15,390. Special $8,475. New NI 325 picker w/super sheller, new NI 404 wheel rake; NI 2100 (Demo) liquid manure spreader list $11,300 Special $6450. Farmall 706 w/310 German D w/cab, MF 1105 w/cab and air. Farmall 656 hydro D. w/cab, Farmall 1456 original; Int. 544 utility hydro D w/2000 loader, JD 8630 fully eq. w/duals; JD 4020 D.W.F. Power Shift, JD 2520D, David (SOLD) Brown 885, MF 1135 w/R.G. and dual wheels, MF 285 D. Int. 656 utility Hydro D. D.B. 1200. NH 890 2 row snapper head. JD narrow 30" 2 row crop head, like new. Used N.H. 354 Grinder Mixer, like new.
NI 325 pickup w/12 roll bed used 4 yrs.
TRACTORS 1977 JD 4230 cab, air, quad, real nice. JD 6030 C.A. Duals, real sharp; JD 6030 cab and duals, JD 4320, JD 4010D, 1 owner original, Farmall used 986 cab and air, 1566 cab and air w/new T.A., Farmall 544 gas W.F. Farmall 706D WF & 3 pt.; NI 324 picker w/super sheller used 80 acres, New NI 323 - 1 row pickers at old price.
Int. 3588 - 2 + 2 w/dual wheels, used 530 hrs. like new for $29,500; JD 4020 W.F. power shift, good tires $7700; Case 1070 P.S. $6975; JD 4020D. W.F. D.L. Dual hydraulic & cab, JD4010 D. W.F. JD 4010 Tri D, Farmall 766, 706 w/310 German D. 1 owner original, real good. Oliver 1850D, Case 930 Standard, 460D w/F.H. New Holland 770 w/2 row 30" C.H. NH 890 Harvester w/2 heads, (Summer Specials) New JD 4440 Sound guard body QR $34,800. Deutz 9006, Farmall 1086 cab needs repair come look and make offer.
CULTIVATORS - New Case 3 pt. 8 row Hydro fold. JD 4 row & JD 6 row rear.
CORN PICKERS - Used (2) N.I. 324 w/12 roll bed, (1) NI 325 N (SOLD) w/12 roll bed (325 N. w/sheller), NI 3 row 30" picker w/super sheller, New Idea shellers and Super shellers, N.I. 2 row 30" picker w/grinder. Int. 234 w/12 roll bed. NI 319 mtd. picker, JD 300 w/2 or 3 row C.H. Used NI 323, #10.
J.D. 7520 w/3 pt. & Dual Wheels. JD 4020 w/58 Loader, JD 4430 w/sound guard, cab and Q.R. for $15,500.00, JD 4320 w/cab.
Farmall - 1568 - V8 w/cab & air used 1000 hrs., 1566 w/cab, 1466 w/cab. 886 w/cab, 800 hrs., like new. 856D nice, Steiger Bearcat 4 whl. drive w/dual wheels and new motor in excell. cond.; Farmall 460 Gas w/F.H., Farmall 756 gas, Hi Crop-656 diesel, 756, Cub Cadets 1650, 1450, JD 210, 200, 112, Farmall cub w/mowers.
HARVESTERS. Used JD 3960 w/long tongue and elec controls real nice for $7250, N.H. 770 w/2 row, Used Int. 720 - 2 row, for $4650. NH Super 717 1 row, J.D. 38 Chopper w/2 row, Fox 2 row snapper head. NH 770 1 row snapper C.H. Gehl 600 w/2" 30" & pickup head.
Fox 2 row 30" Silage Head, JD 1 row snapper head for 38 & 3800.
ALLIS CHALMERS New 7010 - AC 200 w/factory cab, AC 185 w/R.G. w/600 hrs. for $9400. AC 185 w/turbo for $8000; 7040 w/cab, power shift like new, low hrs., 210 w/new 20.8x38 tires, AC 7000 P.S. w/R.G., 180D, AC H3 Crawler w/blade and winch.
JOHN DEERE New JD 4440 cab, air, power shift, $35,900. New JD 4440 cab, air Quad, used JD 4430 - 4 post, power shift, used 4230 cab, air, QR, nice, 1975 - 4430 C.A. QR. sharp. 4030, 5020 tractor puller, JD 4030 w/R.G. and Quad. JD 60 w/P.S. JD. A. JD 70 w/P.S. & 3 pt.
FARMALLS: 1586 w/cab, w/800 hrs., fully equip. w/dual wheels (SOLD) and dual PTO real nice, used 1086 w/cab, air, 1 owner- looks like new, 20x38 tires for $19,500, 686 Dsl. w/1600 hrs., 966 black stripe w/roll guard, 1066 red cab & air, Used 686 w/cab & air, 1206 w/cab, 806 w/3 pt. & 38" wheels, Farmall 656 Diesel & 656 gas, Farmall hydro 70 w/w.f. and 3 pt., 826 hydro D nice. 656 Hydro D. WF 3 pt. original, Farmall 400 gas w/P.S. F.H. real nice w/4 row cult. and F.H. rear blade.
Int. W9 gas w/pulley.
New White 2-105 w/cab $22,850. 2255 w/V-8 cat and new over and under shift.
MASSEY FERGUSON - 2805 24 spd. w/duals real nice, 1130, MF 180D. 1971 MF 1100 w/cab real nice, MF 1130 for $6250 MF Super 90 (SOLD) diesel, MF 65 gas w/hydr. side mower (SOLD).
Look at these tractor prices.
(Case) New 2090 Cab & Air, power shift $23,900; Case 1030D for $5700. Case 1210 at $4950. Case D.B. 1200 for $3900. D.B. 995D, Oliver 1950T w/cab, 2050, 1855 w/20:8 tires 1800, 1850 w/cab, 1550 gas, 1855 w/dual wheels, Oliver 550 w/loader, Ford 6000 Commander, D, Ford 5000D real nice, Ford 3000D, 52 Ford 8N Original excel. Ford 5000 Dsl. w/dual power, real nice, MM Vista 1000 w/cab and loader, MM S670 diesel.
w/dual (SOLD) hydraulic (local owner) JD 2510 gas, Long 350D w/mtd. broom; Int. 460 utility w/loader.
N.I. 702 Uni tractors w/combines & 729 A and 729 Uni shellers w-3 & 4 row 30" and 40" heads. Used JD 13 to 15 ft. grain heads.
IND. EQUIPMENT - Int. 510 4 whl. drive payloader used 500 hrs. like new. Cat 933 crawler loader, Case 850 D dozer w/hydrl. blade, Skid Loaders - Bobcat Hydro 700. Ford CL40 Skid Loader.
Ford 4000 gas loader and backhoe.
Int. 3400D. L&B Howard 3 pt. backhoe, Long 1199A-3 pt. Backhoe like new $3850.
TRACTORS W/LOADERS - JD 4020 W.F. w/58L, JD 2020 w/47L, Int. 544 utility w/2000L, Int. 340 utility gas w/L, Int. 350 utility gas w/L, MF 202 Ind. w/L, Oliver 550 gas w/White 1510 L, Case 530 w/L.
Mechanics Special JD 4020 gas, power shift $3950.00.
Case 1030 Needs Trans. Work. Case 1410, Farmall 460D w/F.H.
PLANTERS Used JD 6 row Conservation, fully eq. real nice. New 7000 JD 4 row w/Inst., fert. & monitor $6950, used JD 7000 six row w/fert. fill, plateless, inst. w/minimum till & monitor, (new) White 5100 4 row planter w/monitor for $6850.00, Used Case 13 ft. Disc w/new blades and dual wheels. (New Haybines,) Gehl 1090 9 ft. for $4800; (used haybines), MC 7' rotary scythe, JD 1209.
New Holland 354 Gr. Mixer; Used John Deere 300 Husker.
MF #246 Quick tach loader Like New, Holland #1500 3 row transplanter (SOLD), used JD 444 corn heads from $2450, and up.
Cabs for JD and Int. Tractors. Used Int. rollguards. New Int. #4500-16½ ft. field cult.
Glenco 12 ft. 9" Soil Finisher like new.
New JD 8300 grain drills 21x7 double disk, Used Int. #510-18x7 D.D., Used Int's #10 18+7, Farmall 560 w/Int. 234 mtd. picker, $3775.00.
Planters - Oliver Planter 6 row w/no til fert. fill, inst. AC 4 row no til w/dry or liquid fert., Woods 120 offset cutter. NH pick- up heads for 770, 717, Miller 12 ft. offset disk, (JD 215 disk 13'9" Demo (SOLD) Like new, Athens 10 ft. rock disk) JD Disks #210. Int. #480-22 ft. Wing Disk, Badger 1500 gal. liquid tank spreader, New Westfield grain augers 41 ft. 8" KD=$1395, 56 ft. 8" KD=1995. Used Manure spreaders - 1 NI 214 nice, JD 54 - good, NH 518 - nice.
PLOWS - Int. #720 5x18 reset like new, Ford 3x18 sp. reset, JD 2500 6x sp. reset, JD 5x hyd. White 4X spring reset, 2 rollover plows - Int. #140 - 4x18, Oliver 4x16 rollover plows, New Brillion 21' hyd. fold packer, Used Brillion 15 ft. cultimulchers, Chisel Plows, Int. 13 ft. 3 pt. and w/gauge wheels, JD 11 ft. pull type Athens 7 and 10 ft. 3 pt., new Int. #80 snow blower; New Johnson loader.
Flail chopper, New Holland 38, Straw choppers for combines; JD 4400, 7700, 6600, MF 510, 550, Rakes NH 256, used NI 404 whl. rake.
Bargain corner Haybines - 2 New-Idea 9 ft., 2 Hesston PT 10.
Owatonna 200 haybine, NI 279 cut-ditioner; NH 469 Haybine; NH 269 Baler w/thrower; Starline tank spreader, Hawk Built tank spreader, Bearcat Gr. Mixer, Helix Gr. Mixer; Int. #50 4 row stalk shredder; Woods 4 row stalk shredder, Int. 400 4 row, air planter for $975.00, White 5400 4 row no til, JD 1240 plateless, 8 JD 1250 and 1300 six row planters for $700 to $1450, Int. 400 6 row air planter for $1450.
Used JD 400 15 ft. rotary hoes, New White. 14 ft. field cult., Kawanee 22 ft. Wing Disk, JD 220 Hydraulic fold disk, Int. #510 24x7 DD grain drill-nice.
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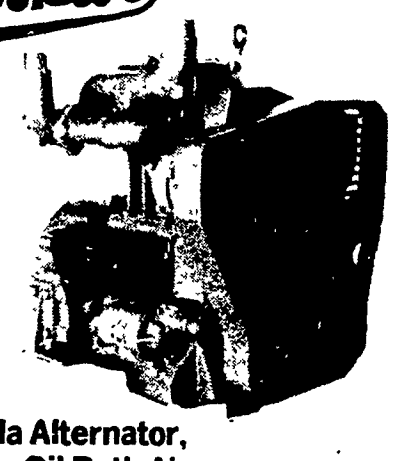

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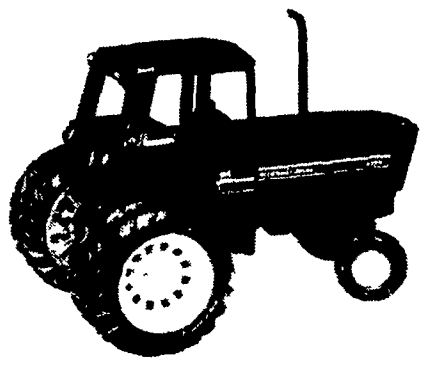
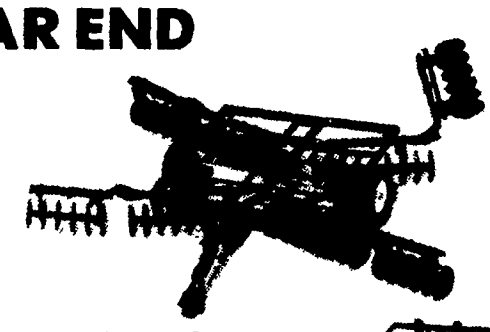


MODEL 5288
No. 487: L.11"xW.8-11/16"xH.8¼"

No. 468: L.11"x6-7/16"xH.8¼"



493 Tandem Disc
L.10¾"xW. 13¼"xH. 2¾"

498 Minimum Tillage Plow
L. 14¾"xW. 29"x H. 2¾"

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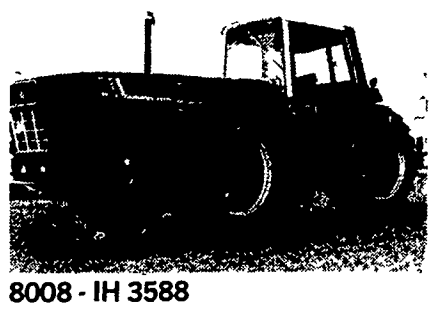
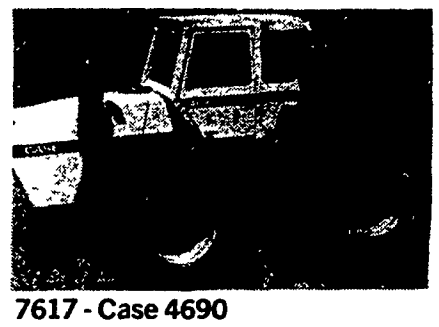
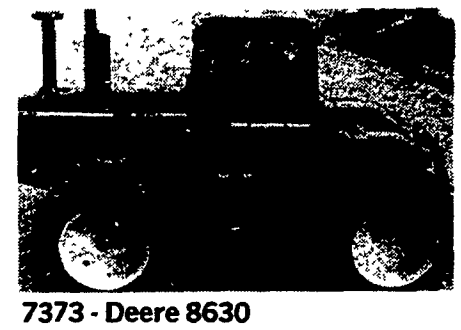
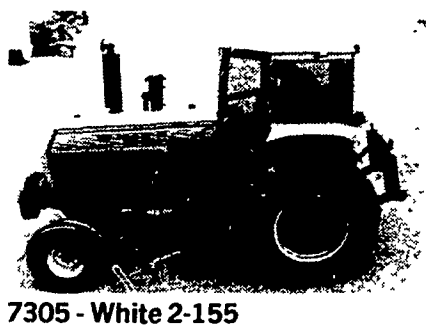
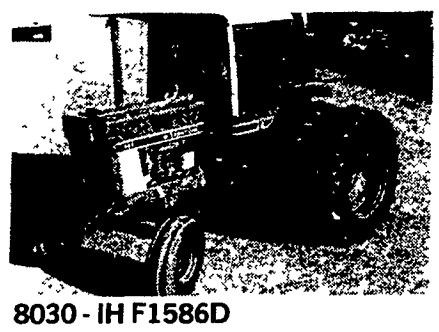

8008 - IH 3588

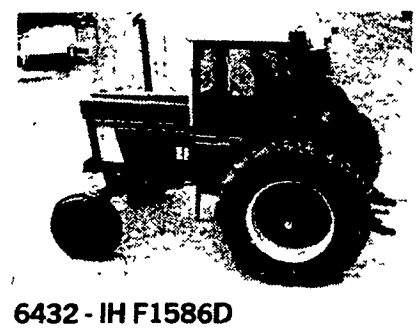

7617 - Case 4690

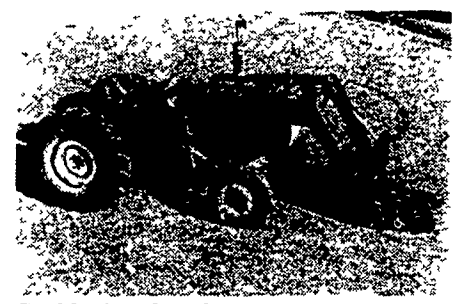
7861 - Massey 1805


7373 - Deere 8630

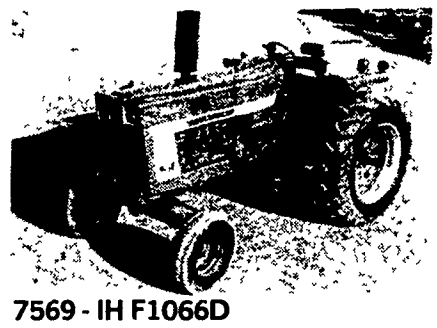

7305 - White 2-155

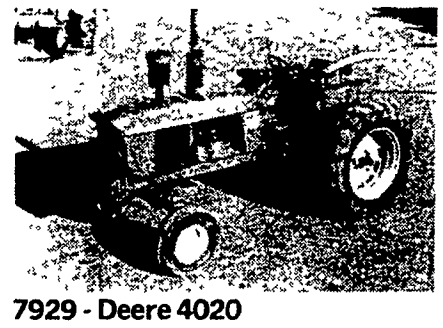

8030 - IH F1586D

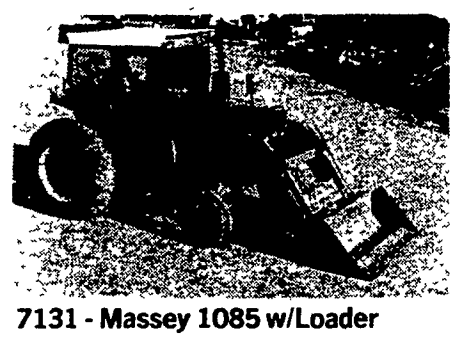

6432 - IH F1586D

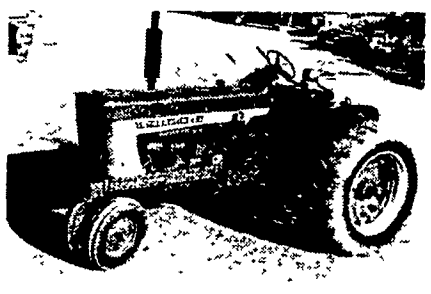

7962 - Ford 3000 w/Loader

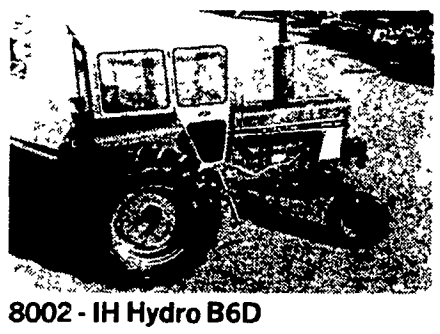
7372 - IH F1466D

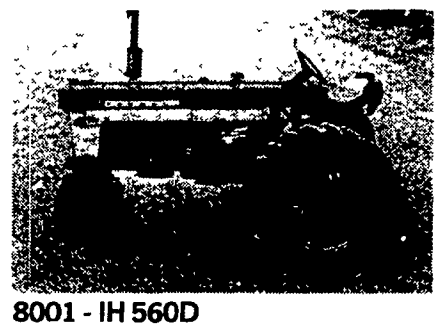

7569 - IH F1066D

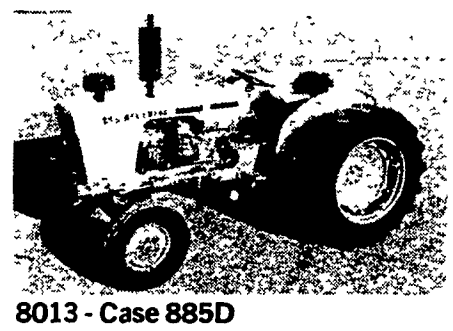

7929 - Deere 4020

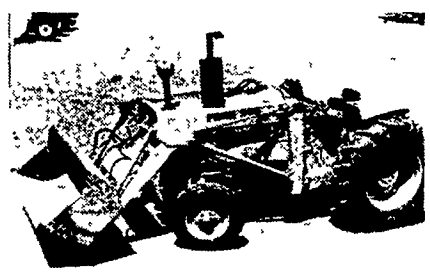

7131 - Massey 1085 w/Loader

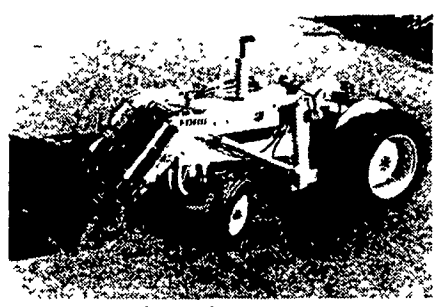

7606 - IH F706D

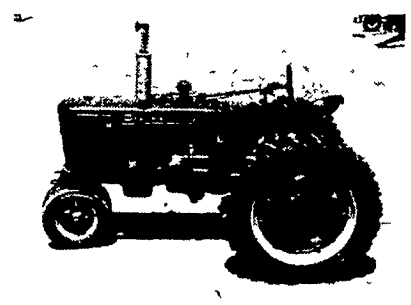

8002 - IH Hydro B6D

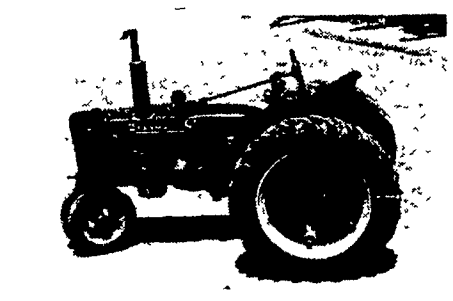

8001 - IH 560D


8013 - Case 885D

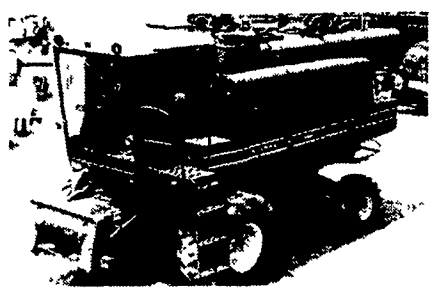

7449 - Ford 335D Loader

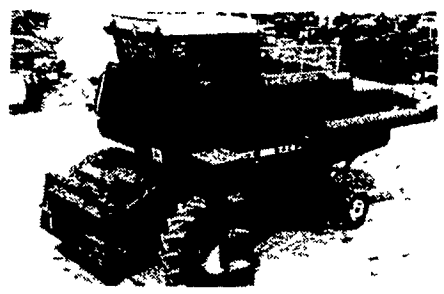

8033 - Ford 3400

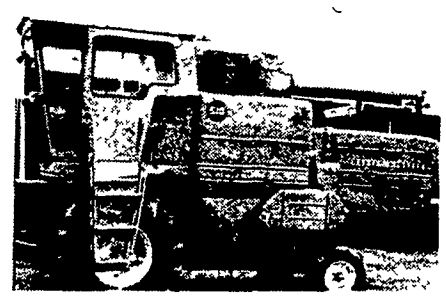

7500 - IH Farmall M


7825 IH Farmall H

USED COMBINES


7935 - IH 1460


7904 - Deere 4400 Gas


7222 - Massey 510 Diesel

Deere 4420 Diesel w/443 Cornhead & 213 Platform

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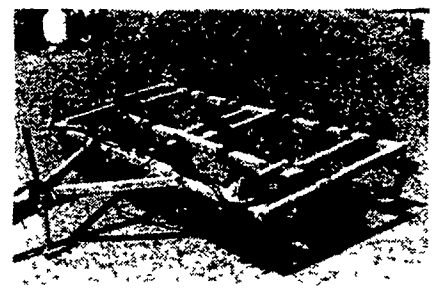
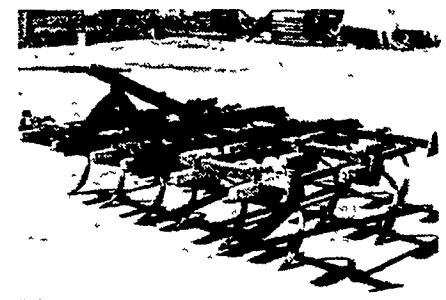
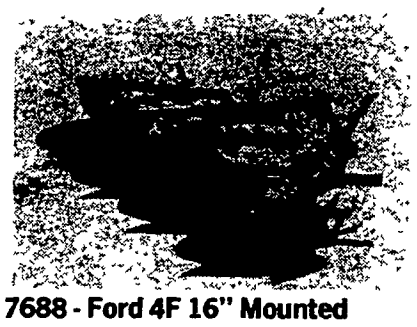
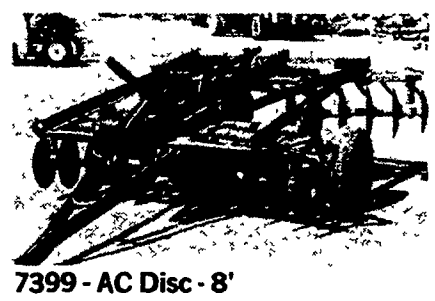
6493-Glencoe Soil saver SSP-11

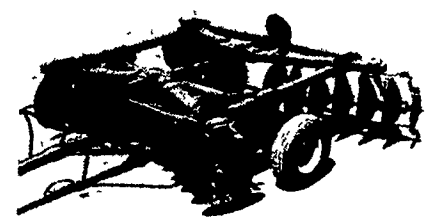

7537-Wilbeck Digger Disc - 11 Shank


7504 - IH 45 Vibra Shank - 8½'

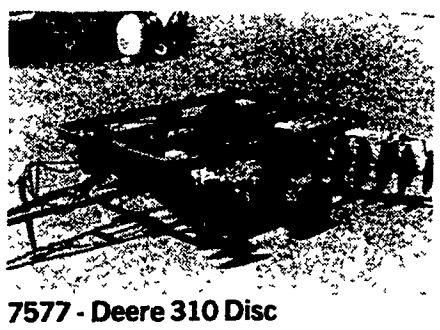
7893 - IH 45 Vibra Shank - 16½'

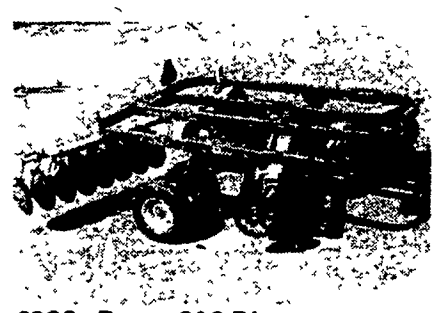

7688 - Ford 4F 16" Mounted

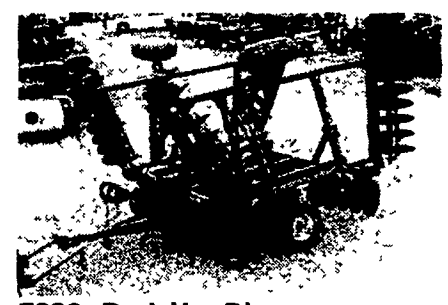

7399 - AC Disc - 8'

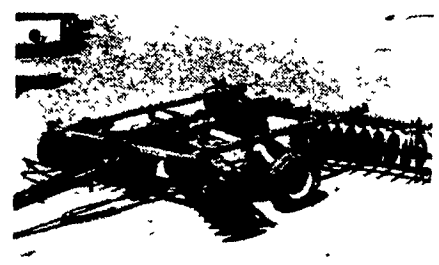

7680 - Deere 1630 Disc

7049 - Krause 2413 Rockflex Disc

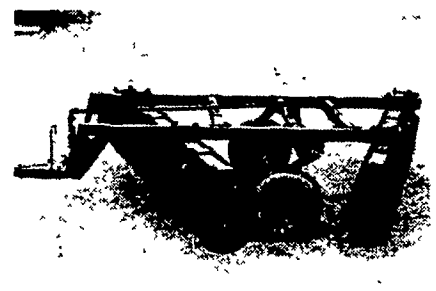

7577 - Deere 310 Disc

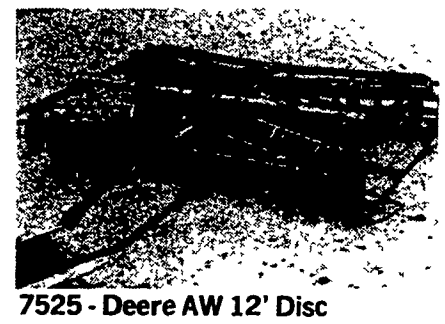

6332 - Deere 310 Disc

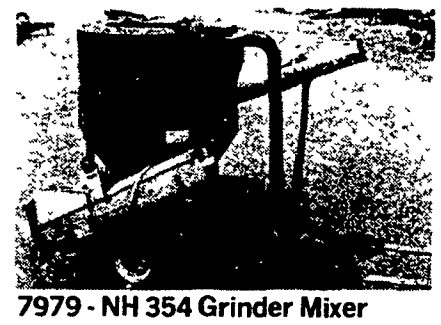

7880 - Bush Hog Disc


7692 - Krause 2204 Disc

7878 - Hesston SM30 Stakmover


6972 - Deere Offset 12' Disc

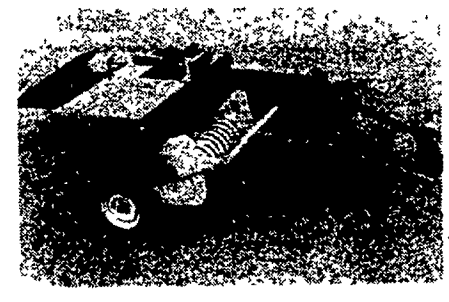

7525 - Deere AW 12' Disc

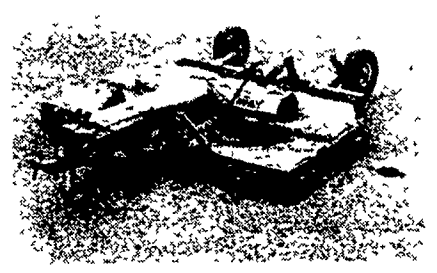

7979 - NH 354 Grinder Mixer

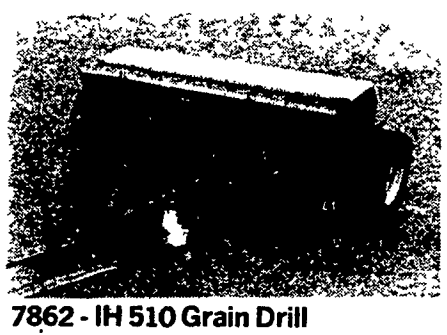
MISCELLANEOUS

7321 - Brady 15' Shredder

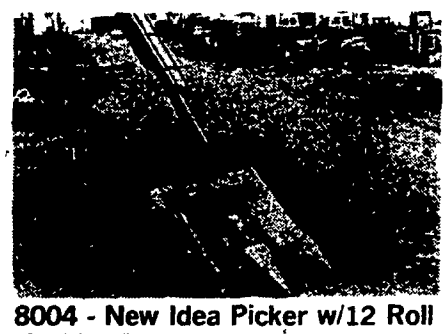
7552 - NH 27 Blower

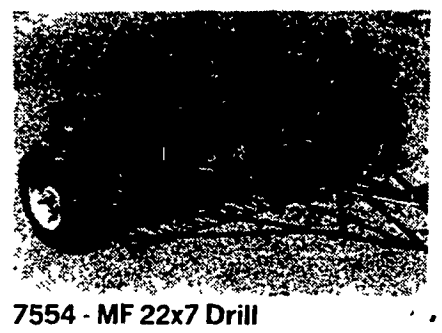

6987 - IH 430 Baler


7815 - Woods 121 Mower


7862 - IH 510 Grain Drill

8005 - New Idea Picker Sheller - 2R


8004 - New Idea Picker w/12 Roll Husking Bed


7554 - MF 22x7 Drill

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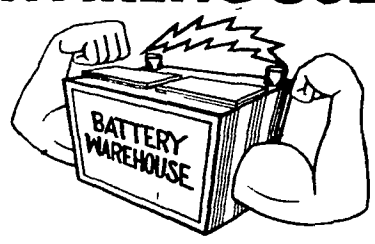


Now Featuring Our Group 1 6 volt At

$29.95 Exch.

440 Cold Cranking Amps 3 Yr. Standard Warranty

(Our Most Pop. 6 Volt Fits Many Old Farm Tractors)

We Specialize In "Hard To Find" Industrial Batteries

Passenger Car Batteries As Low As

$29.95 Exch.

FOR MORE INFORMATION - STOP IN OR CALL ONE OF OUR MANY CONVENIENT LOCATIONS

THE BATTERY WAREHOUSE

6100 Allentown Blvd.
on Rt. 22 East
Harrisburg, Pa. 17112
(717) 652-0565 or 0566

5240 Simpson Ferry Rd.
Windsor Park Shopping Center
Mechanicsburg, Pa. 17055
(717) 697-4414 or 4415

110 Lundy Lane
Geistown Clover Leaf
Johnstown, Pa. 15904
(814) 266-7807

3108 Pleasant Valley Blvd.
(Next to Dunkin Donuts)
Altoona, Pa. 16601
(814) 942-2888 or 2914

1115A Maugans Ave.
Hagerstown, Md. 21740
(Immed. of I-81 - Maugans Ave. Exit)
(301) 791-7780 or 7781

837A Balt. Blvd. Rt. 140
Westminster, Md.
From Baltimore
(301) 876-7188
From Westminster
(301) 857-4566

Complete Price Sheet Available Upon Request

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

M & R EQUIPMENT, INC.

NEW PARK, PA

United Parcel Service

Ph: 717-993-2511 - 717-246-1972
(After 6 P.M. Call: 301-452-8693)
Residence

PAGE

SPERRY NEW HOLLAND

INTERNATIONAL HARVESTER
CALL US ABOUT THE MOST ATTRACTIVE FINANCING AVAILABLE — NOW THROUGH IH
SPECIAL PRICES ON ALL NEW IH EQUIPMENT DURING THE MONTH OF DECEMBER!

NEW HOLLAND
FREE FINANCE ON FORAGE UNTIL 9-1-83!
5% 24 MONTH FINANCING AVAILABLE ON ALL SNH EQUIPMENT
* Free Finance on grinder mixers, skid loaders and all manure spreaders until 4-1-83

NEW EQUIPMENT IN STOCK

IH

3088
3688 tractor
5088 tractor
1420 combine
14 SOLD bine
800 air planter
810 header
820 header
94 SOLD head
IH 730 plow vary SOLD 4 btm.
720 plow 5x20" - auto. reset
5100 drill 16x7 plain, 21x7, w/depth press wheels
13' 5500 chisels
1300 mower
1190 mower-cond.
2 - IH #15 throwers
475 wing disc, 18'7"
435 baler
550 spreader
2250 loaders
183 4-R cultivator

NEW HOLLAND

311 balers (2)
311 SOLD
#70 & 75 throwers
489 haybines
425 skid loader
L-31 SOLD oader
718 chopper
782 SOLD r
822 corn head - $2500
892 chopper
#8 crop carrier
OD 100 offset disc-12'
451 mower
513 spreader
363 spreader
519 spreader
791 spreader
474 haybine

BUY A NEW 851 BALER AND GET A FREE HAY RAKE!

WE RENT SKID LOADERS

JUST TRADED
IH 1440 Combine, Excell. Cond.
844 corn head, auto header control, air cond.
Waiver of finance available

OUT-OF-SEASON DEALS!
IH 435 BALER w/HD PTO, #15 THROWER $7500
IH 1190 MOWER-CONDITIONER $6200
Prices are cash, no trade

USED SPECIAL
IH 2 plus 2 TRACTOR, low hours, an incredible tractor at an incredible price

IH 444 DIESEL UTILITY, 3 Pt.

JOHN DEERE 336 BALER with kicker, like new

JD #50 TRACTOR w/227 Picker

"THINKING COMBINE?? REMEMBER - IH AXIAL FLOW HAS WON MORE ENGINEERING AWARDS THAN ANY OTHER COMBINE. AXIAL - FLOW CAN PAY IT'S WAY WITH LESS FIELD LOSS, MORE GRAIN IN THE BIN PLUS THE GREATEST HEADERS IN THE INDUSTRY! WE HAVE A 1420 IN STOCK" THE 1420 IS A REASONABLY PRICED, 4 ROW ROTARY MACHINE. BUY THE "HOT" COMBINE FOR LESS MONEY THAN ITS COMPETITORS. OUR COMBINES ARE BACKED BY OUR OUTSTANDING SERVICE DEPARTMENT.

USED EQUIPMENT

IH 3388 2+2 low hrs.
IH 2400 Ind tractor diesel, 6-way hyd blade, log splitter
NI 212 flail spreader, w/hyd. endgate
18 4x34 duals
IH #15 rake
IH 540 plow 4x16"
IH 510 grain drill, 16x7, double disk openers, combination
JD 2510 Diesel tractor, new engine
John Blue - truck mtd. dry fertilizer spreader Excellent Cond 8 ton
IH 303 Combine, both heads, cab, very good shape
NH 10 ft. trailing fert. spreader, very good cond.
NI 224 Manure Spreader, hyd. endgate w/cyl
IH 990 Mower Conditioner 9' good, double rubber rolls
IH 440 baler w/thrower, nice, hyd bale tension
John Deere #50 tractor w/mtd. picker, power steering
IH 449 4R planter - nice
MF 4R planter - 50 acres $1500
IH 550 plow 5x16 (2)
IH 51 forage box w/roof, heavy gear
NH 69 baler
NH engine thrower
IH #70 pull type plow 3x16", nice
1250 hydrostatic Cub Cadet
IH 46 baler with thrower
1 440 IH combine w/4 row head excell cond
IH 550 Forage harvester, cheap
JD 336 baler w/ejector, 1980 model

VERMEER HEDLUND MARTIN INC. Vicon

NEW EQUIPMENT

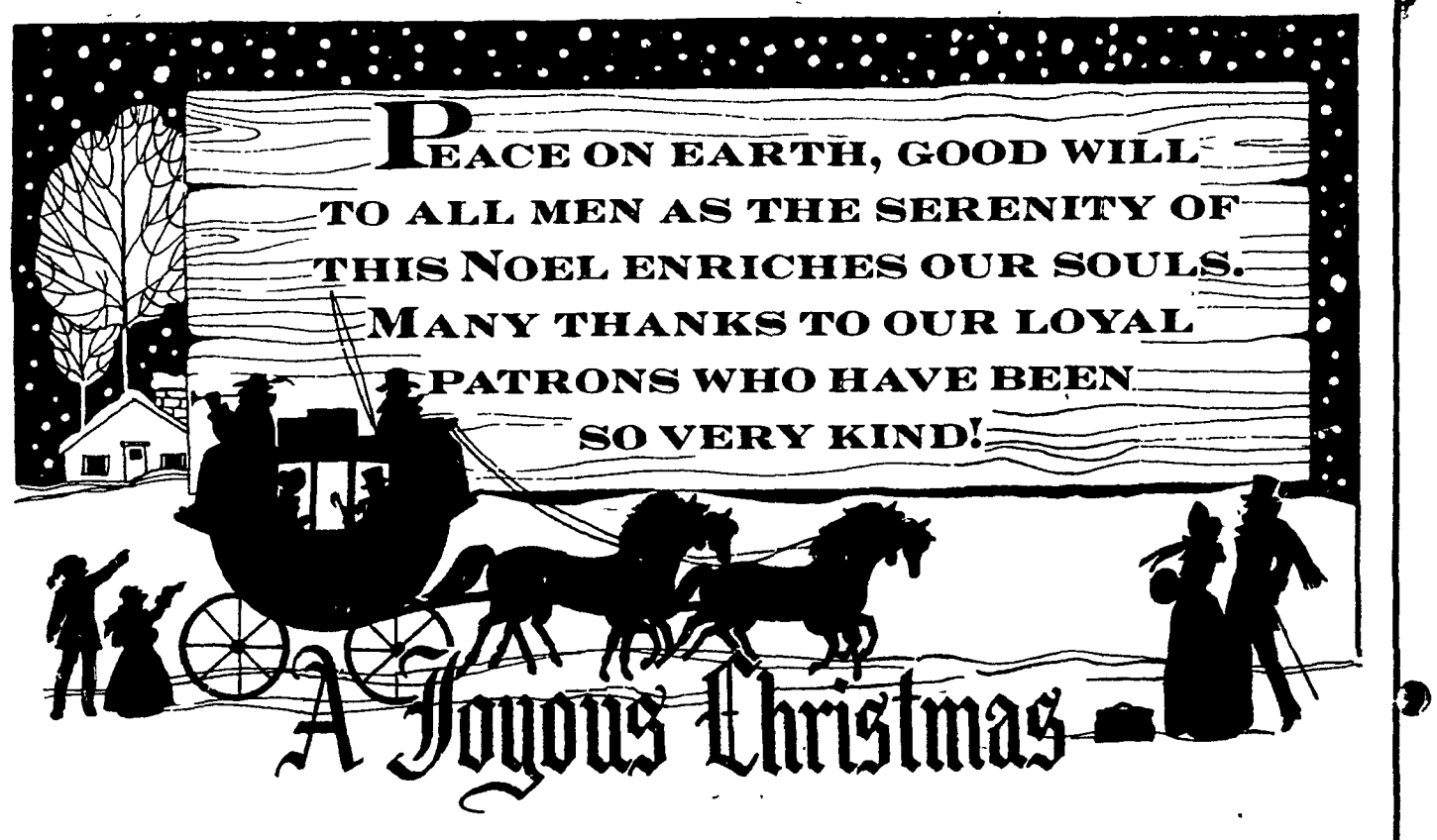
- S Scranton Bale Feeders
- Vermeer 504H Baler
- Vermeer & Scranton Bale Movers
- Martin S SOLD preader
- (4) Vicon 4 Wheel 3 pt. Hitch Rakes
- (1) Vicon SOLD el Trailer Rake
- (3) Vicon 600 lb. Spreader
- (3) Vicon 950 lb. Spreader
- (2) Vicon 1900 lb. Fert. Spreader
- (1) Vicon 15' Power Harrow
- (1) Vicon RP1200 Round Baler
- (1) Vicon 8' Mower Conditioner
- Haybuster 1068 Semi-Mounted No-Till Drill

USED EQUIPMENT

- Int. 9' Haybine
- Vicon RP1200 Round Baler, Demo.
- Vicon 8' Mower Conditioner
- Vicon 10 ft. Power Harrow
- Brady Flail Shredder
- Martin 3300 gal. Liq. Spreader
- Hawk Bilt 257 Tank Spreader
- New Idea Manure Spreader
- Hesston 12' Hydro Swing Haybine

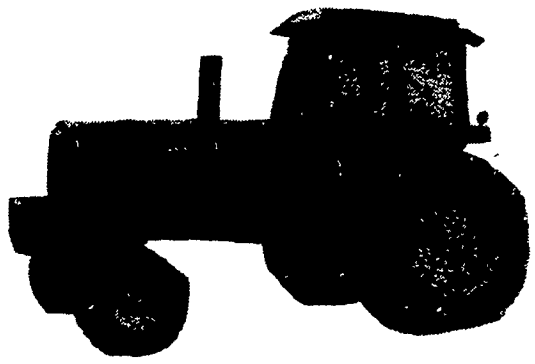
RED WING FARMS

R.D. #1, FLEETWOOD, PA. 19522
215-944-9583 215-944-0791


PEACE ON EARTH, GOOD WILL
TO ALL MEN AS THE SERENITY OF
THIS NOEL ENRICHES OUR SOULS.
MANY THANKS TO OUR LOYAL
PATRONS WHO HAVE BEEN
SO VERY KIND!
A Joyous Christmas

ABC GROFF INC.

Since 1890
110 S. Railroad Ave.
New Holland, PA 17557



John Deere 4230,
110 HP, Cream Puff
787 Hr.

717-653-8783

SPECIAL PRICES
on
Kendall Oil For Diesels

BULK or DRUM

Bring Your Containers And Save

HOOVER DIESEL SERVICE
PH: 717-656-6133
2998 W. Newport Rd., Ronks, PA 17572
2½ miles East of Leola along Rt. 772

NEW & USED EQUIPMENT SPECIALS!

New Artsway Forage Box w/3 Beater, 2 Roof & 10 Ton Running Gear $5,195	New 8C Hydra-Mac Skid Steer Loader w/2 Buckets $4,995
New Model 230 McCurdy Gravity Bins $585	New 300 Gal. Century Field Sprayer w/Cent. Pump & Row Boons $2,395

★ BEHLEN CORN CRIBS ★
EXL-15 Corn Crib (1 SOLD!) $1,120
FXL-15 Corn Crib (961 Bu.) ..... (1 Left) $860

USED HAY EQUIPMENT
2- PT-10 Hesston Haybines
2- 990 Int. Haybines
1 - 1209 JD Haybine
1 - 461 N.H. Haybine
1 - 279 - 9 ft. N.I. Cut/ditioner
1 - Vicon (5 Wheel) Wheel Rake
1 - 268 N.H. Baler w/Thrower
1 - #37 Int. Baler w/Thrower
1- 8x16 Oak Hay Wagon

USED FORAGE
2 - 38 J.D. Harvesters w/Corn &Pickup Head
1 - 16 I.H. Harvester w/1 Row Head
1 - N.H. #25 Forage Blower
1 - N.H. #27 Forage Blower

TILLAGE
IH 710 (18") Auto. 5 Bottom Plow
11' J.D. KBA Disc Harrow
10' Ford Disc Harrow

USED CORN PICKERS
N.I. 323 Corn Picker
N.I. 324 (2 Row Wide) Picker w/12 Roll Bed
N.I. 319 & 322 Mounted Picker

USED COMBINE & CORN HEADS
Gleaner FKS 2 Hyd. Combine w/13 ft. Header
Gleaner KKS Combine w/10 ft. HDR & 238 Corn Head
Gleaner C Combine w/440 Corn Head
IH 315 Combine w/13' HDR & 2 Row Corn Head
MH 82 SP Combine w/12 ft. HDR
2- MF QT24 Corn Heads (2 Row)

USED UNI EQUIPMENT
(Will Put Together Any Combination)
1 - 702 Diesel Uni Tractor
2 - 702 Gas Uni Tractors
1 - 706D (Diesel) Uni Tractor
1 - 702 Gas Uni Tractor (No Cab)
2 - 717 Uni Combines
2 - 713S Corn Heads
1 - 770 Ear Corn Apt.
1 - 710 Uni Combine
1 - 711 Uni Grain Head
1 - 767 Uni Super Chopper
1 - 738 (4 Row Narrow) Corn Head
1 - 844N Corn Head
2 - 766 Pickups
1 - 723 (2 Row) Head
1 - 729 Sheller

USED TRACTORS
A.C. 7020 P.S. w/Cab & Air & Wgts.
A.C. 7000 w/Cab & Air & Rear Wgts.
A.C. 185 w/Wgts.
A.C. 180 w/Wgts.
A.C. 5050 (300 Hr.)

NEW TRACTORS
A.C. 7060 w/Cab & Air & Wgts.
A.C. 6080 w/Wgts.
A.C. 6060 w/Wgts.

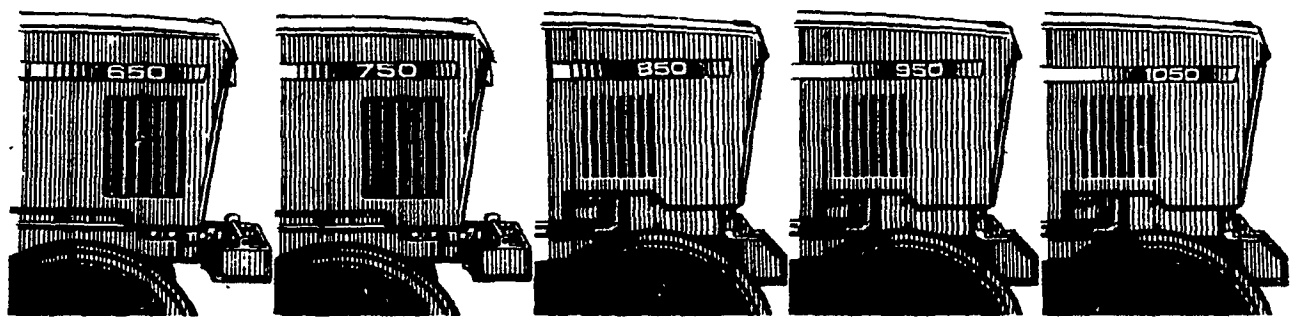
ITCO
Dealer for ITCO Corp.
• Over 9,000 items
At Discount Prices

AVCO NEW IDEA

ALLIS-CHALMERS
SPERRY NEW HOLLAND

SHARTLESVILLE FARM SERVICE
RD 1, Hamburg, PA
215-488-1025
H. Daniel Wenger, Prop.

BUY NOW AND SAVE FROM $650 TO $1,050. PAY NO FINANCE CHARGES UNTIL MARCH 1, 1983.



UNBELIEVABLE! TOO GOOD TO BE TRUE! UNMATCHED BY THE COMPETITION!

Yes, these superlatives all apply to this very special offer from participating John Deere dealers on new 650, 750, 850, 950 and 1050 Compact Utility Tractors.

If you buy now, the coupon below is worth $650 toward the purchase price of a new John Deere 650 Compact Utility Tractor . . . or $750 toward a new 750 Tractor . . . or $850 toward a new 850 Tractor . . . or $950 toward a new 950 Tractor . . . or even $1,050 toward the purchase of a new 1050 Tractor.

And if you use the John Deere Finance Plan to speed your purchase, finance charges will be waived until March 1, 1983. This finance charge waiver offer applies not only to the new tractor you buy, but also to all new equipment purchased at the same time to be used with that tractor.

This offer may be withdrawn on short notice by John Deere, so see us soon. Ask for complete details. We have a selection of tractors available for immediate delivery.

(Financing subject to approved credit Government agencies/departments and certain other non profit organizations do not qualify for this bonus)

JOHN DEERE

This coupon worth $650 to $1,050 toward the purchased price of a new John Deere 650, 750, 850, 950 or 1050 Tractor.

(Discount is equal to tractor model number designation)

Customer please fill in:

Name _____ (please print)

Address _____

Town _____ State ___ Zip ___

S/N _____

Customer: Coupon void where prohibited by law Prices subject to change without notice and may vary by dealer You are required to pay applicable sales tax on value of goods And you must fill in your name and address in places provided on this coupon Offer may be withdrawn on short notice by John Deere

Dealer please fill in.

Name _____ (please print)

Branch Code _____

C P Acct No _____ ML _____

Dealer: You are authorized to act as our agent for redemption of this coupon in accordance with the terms thereof Limit one coupon per tractor Dealer must fill in name and account number—presentation for redemption without such compliance constitutes fraud Offer may be withdrawn on short notice by John Deere

JOHN DEERE

ABC GROFF SINCE 1890
110 S. Railroad Avenue, New Holland, PA 17557

VISA

Parts 717-354-4191
Sales 717-354-4731
Service 717-354-8004

OPEN THURSDAY AND FRIDAY UNTIL 9 P.M.

STORE HOURS
Mon., Tues., Wed. 7-5
Thurs., Fri. 7-9
Sat. 7-4

46th ANNIVERSARY

SALES DAYS

■ PARTS ■ NEW EQUIPMENT ■ GOOD USED EQUIPMENT

DECEMBER 27, 1982 thru JANUARY 7, 1983

Mon. thru Fri. 7 A.M. to 5 P.M.; Sat. 7 A.M. to 12 Noon
Closed Dec. 25 and Jan. 1

All Items Subject To Availability

TILLAGE PARTS

MOLEBOARD PLOW PARTS

PLOW PARTS
15% OFF
Regular Price

SPRING CUSHION SHANK

Simple design allows lift up to 6½" to clear rocks, etc. Returns itself to working position. Gives vibrating tillage action. 1"x2"x26" **$75.00**

TWISTED CHISEL POINTS

- Heat treated, tumbled & varnished
- ½" thick for longer wear
- Fits 2¼" centers for 7/16" plow bolts

DF4995R	3x½x22R.H	$7.95
DF5995L	3x½x22 L H	$7.95

Recondition your disc harrow pre-book and receive direct ship. prices.

Disc Blades Sample Prices

	SALE
• 20" plain 7 ga. 1¼x1-1/8 dual sq	$16.21
• 22" plain 6 ga 1¼x1-1/8 dual sq	$22.40
• 22" plain 6 ga 1½x1¾ sq or round	$22.40
• 22" plain 6 ga 1¼x1½ sq or round	$22.40

U.S.A. MANUFACTURED

- 60% Tougher - To resist cracking & splitting
- 20% Longer Wearing than other blades.
- Extra Strength - True fracture Strength is 10% greater.

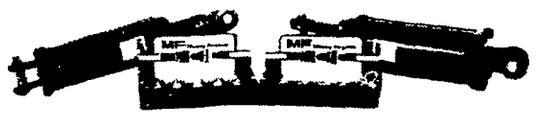
Weathered Disc Blades In Stock

• 16" plain 11 ga 1" round	$5.00
• 16" notched 11 ga 1" round	$5.00
• 18" plain 11 ga 1" sq	$7.00
• 18" notched 11 ga 1" Sq or 1¼ round	$8.00

• VS1 1½" Rev. Tooth	SALE $1.50
• VS2 2¾" Spoon	SALE $1.35
• VS4 4" Duck Foot	SALE $1.69

VIBRATING "S" TINE TEETH AND SWEEPS

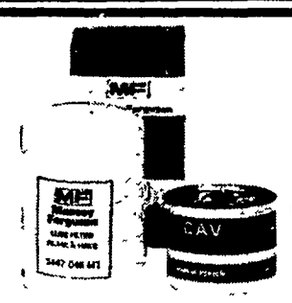
HYDRAULIC CYLINDERS



3"x8"	3½"x8"	4"x8"
SALE $64.20	SALE $79.40	SALE $92.65

- ■ Hardened Rod
- ■ Larger Tie Bolts
- ■ Double base ports
- ■ Pre-Stressed Tie Bolt material
- ■ Hardened pins & bushings
- ■ Stronger rolled threads on the bolts
- ■ Harder "O" Ring (90 Durometer) with polyurethane back up seals.

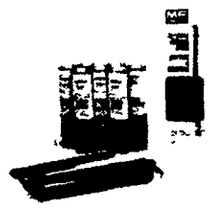
• ½ NPTF 8010 Series Male Tip	$2.84
• ½ NPTF 4050 Series Female Coupler	$5.61



ALL FUEL, OIL & AIR FILTERS

15% OFF Reg. Price

GREASE GUNS



- Lever Action, 10,000 P.S.I. **$7.50**
- Piston Action, 6,000 P.S.I. **$13.39**
- Flexible Grease Hose, 12", 10,000 P.S.I. **$2.50**

GREASE TUBE CARTRIDGE

MF "Engineering specified" and approved M-1105 Grease is a premium grade, extreme pressure multi-purpose lithium base grease. Timken approved for bearing applications.

14½ oz. **$8.00** for box of 10
Case of 50 EXTRA 5% OFF

HYDRAULIC HAND JACKS & LIFTING EQUIPMENT

Sturdy malleable iron base and head. Forged steel load rest designed to prevent slipping. Twelve and twenty ton models have positioning handle. All models equipped with two-piece pump handle. Individually packaged with handle in carton.

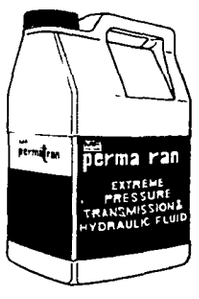
INVENTORY CLEARANCE SALE

• 6 ton hyd. jack (2 only)	$21.95
• 8 ton hyd. jack (5 only)	$29.95
• 20 ton hyd. jack (1 only)	$59.95

ALL PURPOSE JACK

(Same As Handyman)
7,000 lb. Capacity

SALE **$39.95**



HYDRAULIC & TRANSMISSION OIL

15% Discount Off Regular Price

Gives peak performance at extreme pressures and high temperatures. Made to meet MF engineering requirements.

QUAKER STATE MOTOR OIL

15% OFF REGULAR PRICE

★ Bring Your Own Containers - Get Bulk Price

"BUY QUALITY"

SELECTED PARTS

CASH & CARR

HITCH PARTS

TOP LINKS

Category 1

- 16" Center $22.70
- 20½" to 30½" Adj.

Category 2

- 16" Center $30.75
  20½" to 30½" Adj.

DRAWBAR HITCH PINS

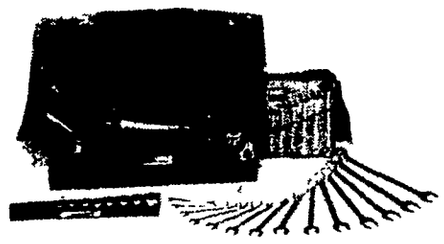
- ¾ Dia. 6¼ Length $3.00
- 7/8 Dia. 6¼ Length w/Linch Pin & Retainer Chain $3.90
- ¾ Dia. 6¼ Length $4.50
- 7/8 Dia. 6¼ Length $5.90

LINCH PINS

- ¼ Dia. ..... 30¢ ea.
- 7/16 Dia. ..... 30¢ ea.

or 4 for $1.00

MF HAND TOOLS



10% OFF REGULAR PRICE

Plus these selected items.

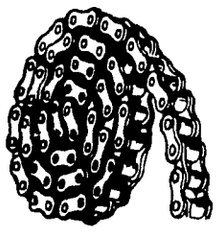
- 7 Pc. Screwdriver Set $9.95
- 14 Pc. Socket Set $34.40

CHEMICALS

HAND CLEANER

1 Lb. ..... Sale $1.50
4½ lb. ..... Sale $5.95

ROLLER CHAIN



Shot-peened parts, solid rollers, factory pre-stitched, vacuum pre-lubrication. This chain is made of special bushings and pins, and offers tremendous RPM & fatigue resistance.

#40 ..... $1.41 per/ft.		
#50 ..... $1.93 per/ft.	#50 double	$4.20 per/ft.
#60 ..... $2.74 per/ft.	#60 double	$5.93 per/ft.

10% OFF ON ALL OTHER PARTS
Sold Over Counter From
DEC. 27 to JAN. 7, 1983
★ Cash And Carry ★

MF Massey Ferguson

M.M. WEAVER

LEOLA, PENNA. 17540
PHONE: 717-656-2321

Located: 4 ... one-half mi... Road, one ... Church.

NT
B3

OPEN HOUSE

SPECIAL 1 DAY ONLY - WEDNESDAY, JANUARY 5, 1983

LUNCH WILL BE SERVED 11-3

Maintenance and Operation Seminars
10:30 A.M. Tractors
2:00 P.M. Combines

★ Representatives from various manufacturers will be on hand to demonstrate products and answer questions
★ Join us during Open House for Fun & Fellowship

PARTS SPECIALS
ASH & CARRY

TS

.....$22.70

....$30.75

INS
.....$3.00

.....$3.90
.....$4.50
.....$5.90

.....30¢
.....30¢ ea.
or $1.00

LS

R PRICE
ems.

.....$9.95
....$34.40

hand
eaner
hand cleaner

$4.20 per/ft.
$5.93 per/ft.

PAINTS
15% OFF REGULAR PRICE

Sample:
841-681 M1 Mt. Red Spray..... $2.69
830-707M3 Red Quart..... $7.06
830-708M3 Red Gallon..... $21.42

STARTING ETHER
8.3 oz. Can..... $1.59
11.0 oz. Can..... $1.79

Buy In Case Lots And Receive An Extra 5% DISCOUNT

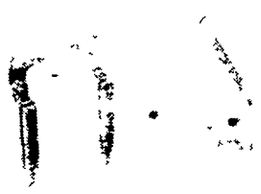
MF FIRE EXTINGUISHERS
All Massey Ferguson Fire Extinguishers use A B C Chemical. Class A includes burning wood, paper, fabric and other ordinary combustibles. Class B is fire on top of liquids like gasoline, grease or oil. Class C is fire in live electrical circuits. A B C Chemical has been proven to be most effective in extinguishing stubborn and costly equipment fires.

2¾ lbs..... $17.60
5 lbs..... $24.44
10 lbs..... $42.63

multi-guard ENGINE OIL

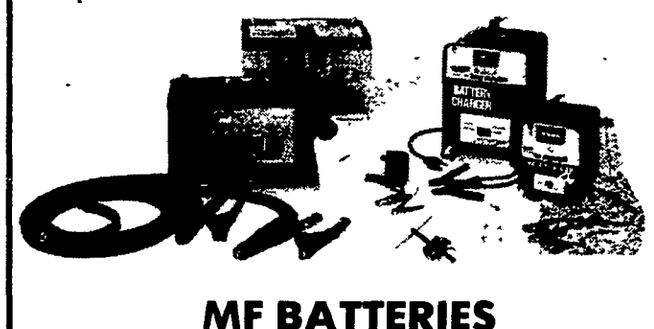
ENGINE OIL - SAE 10W-H.D.
Approved for Gasoline, Diesel and L.P.G. Engine
$15.95 For 5 Gal. Container

CUTTER BAR PARTS



HART CARTER or MF FLOATING CUTTER BARS
H.C. Sections .... 79¢ H.C. Guards... $6.56
M.F. Rigid Headers (Special)
Rigid Sections.... 75¢ Rigid Guards .. $5.12
30 031E1 HAYBINE GUARDS..... $5.75
Will Fit Massey-Ferguson 725-925 and most models of New Holland & Hesston

WINTER SALE ITEMS

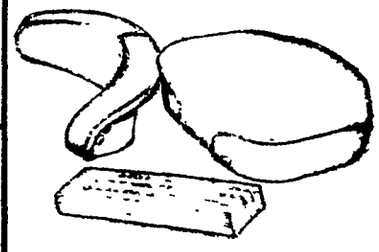


MF BATTERIES
15% OFF Regular Price
The Dependable Performers

BATTERY ACCESSORIES
Battery Terminal Puller..... $8.39
Battery Filler Bottle..... $5.39
Battery Terminal Cleaner..... $3.75

PURSUADER BOOSTER CABLES
SALE
• 12 Ft. #6 Ga. 400 Amp..... $19.55
• 16 Ft. #4 Ga. 400 Amp..... $25.46
• 20 Ft. #4 Ga. 400 Amp..... $29.89

BATTERY CHARGERS
20 Amp..... $95.95
6 Amp..... $41.95



SEAT APPLICATIONS FOR MF AG TRACTORS
15% OFF Reg. Price

SEAT CUSHION, Mt. 1100-1130-1150
30084E91
$31.73

ARM REST, Mt. 1100-1130-1150
30085E91
$33.41

SEAT CUSHION, 150-165-175-180
30-088E91
$18.16

BACK REST, 150-165-175-180
30-087E91
$15.29

NEW WAGON PARTS

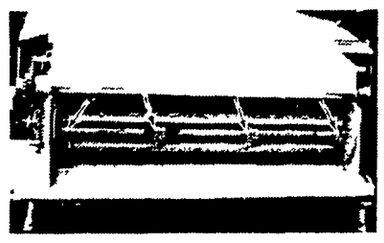
	SALE
• 15x6 Wheels 6 Lug	$20.00
• 15x10 Wheel 6 Lug	$25.00
• 14x5 Wheels 4 Lug	$10.00

ACCESSORIES SPECIAL
• 1000 Lb. Ea. Wheel Weights
1100-1130-1150
Pair For..... $750.00
• 19974A91 Front End Steel Weights
All 100, 200 & 1000 Series Tractors
$35.00

• 2418 734, 72" Bucket less cutting edge..... $175.00
• 2418 745, 48" Bucket less cutting edge..... $95.00

48-60" Fork Dirt Plate..... $10.00
48" Cutting Edges..... $15.00

PADDLE BAR ASSEMBLY



For:
MF 750 & 850 Combine $26.07
MF 760 - 860 Combine $30.80

PRESSURE WASHERS
INVENTORY CLEARANCE SALE

• 7550 Pressure Washer 500-515 P.S.I.
$414.00 (5 only)
• 7650 Pressure Washer, 600-650 P.S.I.
$554.00 (2 only)
• 7750 Pressure Washer, 700 P.S.I.
$994.00 (1 only)

PRESSURE WASHER SOAP
General Purpose
10 lb. Pkg..... $15.92
Heavy Duty
10 lb. Pkg..... $15.51

NEAVER & SONS, INC.

A. 17540
56-2321

Located: 4 miles west of New Holland on Route 23, one and one-half miles northeast of Leola, on the North Groffdale Road, one mile on the right, opposite Groffdale Mennonite Church.

Please mail or call large parts orders now for processing prior to sale days.

FOR MORE SPECIALS TURN THE PAGE→

46th ANNIVERSARY

SALE

DECEMBER 27th thru JANUARY 8th

GOOD USED EQUIPMENT

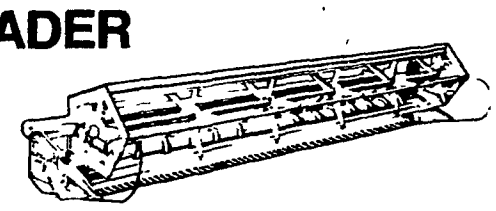
Massey-Ferguson

Winter Warm-Up!

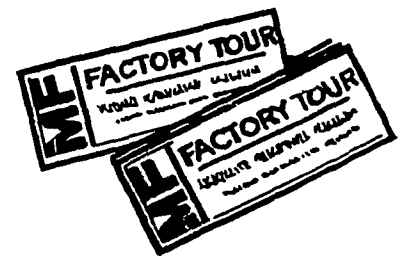
The best time to buy that new MF Combine is right now... with dollar-stretching Winter Warm-Up offers!

FREE* CUTTING HEADER

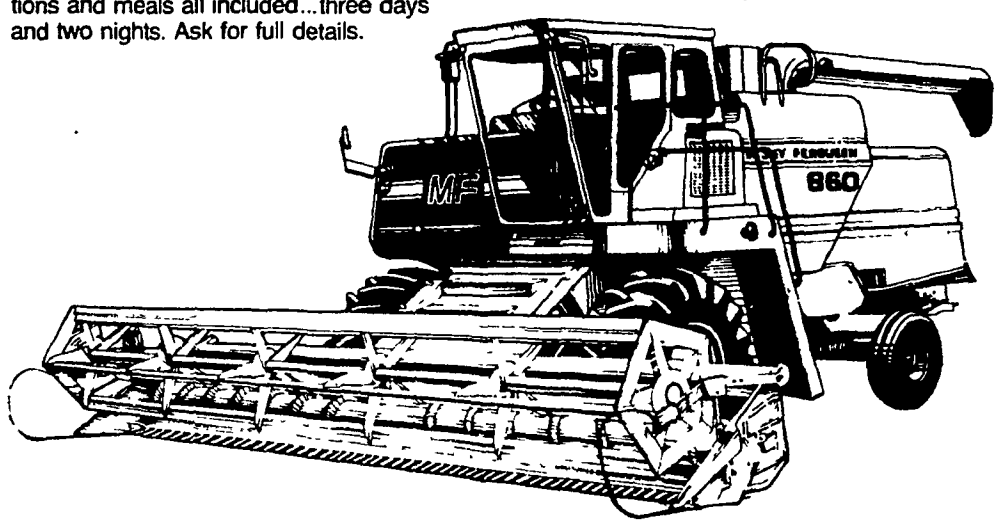
Buy any new MF Combine from our inventory...MF 550, 850 or 860...and receive a FREE sized-to-match Massey Cutting Header. What a savings!



FREE...FACTORY TOUR



Whichever model new MF Combine you buy, you'll qualify for a free trip for two persons to visit our Brantford, Ontario combine production plant in Canada...plus Niagara Falls. Round-trip air fare, hotel accommodations and meals all included...three days and two nights. Ask for full details.



HURRY IN NOW! Winter Warm-Up offers may end soon.

*Freight dealer prep and local taxes not included All offers limited to available inventory Free table not to exceed MF approved size on combine purchased

MF Massey Ferguson

SERVICE SPECIAL

MF MASTER CS CERTIFIED SERVICE

MF Certified Service

FARM EQUIPMENT DOES NOT BREAKDOWN WHEN YOU ARE NOT USING IT...BUT THAT'S THE BEST TIME TO REPAIR IT!

10% DISCOUNT ON PARTS USED ON MAJOR OVERHAULS OVER $500 DURING THE MONTH OF JANUARY 1983.

SCHEDULE YOURS NOW!

TAX TIP

PURCHASE YOUR NEW EQUIPMENT BEFORE JANUARY 1, 1983 AND TAKE ADVANTAGE OF BIG SAVINGS.

MF Massey Ferguson

M.M. WEAVER & SON, INC.

Leola, PA 17540

(717) 656-2321

Located: 4 miles West of New Holland on Route 23, 1½ miles Northeast of Leola on the North Groffdale Road, 1 mile on the right, opposite Groffdale Mennonite Church.

SPECIAL 10% DISCOUNT

On All Used Machines On This List

CASH & CARRY

A Special Waiver or Low Rate Financing On Certain Machines

USED TRACTORS

MF 2775, 160 hp.	$22,000.00
MF 2675, 100 hp.	20,000.00
MF 1800, 180 hp., 4 wheel drive	15,500.00
MF 1135, 120 hp., w/cab	12,500.00
MF 1130, engine overhauled	7,500.00
MF 1130	6,000.00
IH 1456	9,500.00
MF 1155, 8 speed	8,500.00
MF 33 wheel loader	9,000.00
MF 180 diesel	3,500.00
MF 165 diesel	4,000.00
MF 811 skid steer, diesel	5,500.00
MF 235 diesel	5,200.00

USED COMBINES

1981 MF 850 Hydro w/1163 corn head, only 230 hrs.	56,000.00
1980 MF 760 V8, 15 ft. floating header, 1163 corn head	62,000.00
1978 MF 760 V8 w/rear wheel drive & grain saver	48,000.00
1976 MF 750 4 wheel drive w/6 row & 4 row corn head & 15 ft. floating grain table	39,000.00
1976 MF 750 hydro, 14 ft. grain head	29,000.00
1976 MF 750 gear drive, 14 ft. grain head	26,000.00
1975 MF 760 V8, 15 ft. grain head	29,000.00
1975 MF 760 V8 hydro, 15 ft. grain head	28,000.00
1975 MF 510 diesel, 13 ft. grain head	19,000.00
1974 JD 6600 diesel, 13 ft. grain head	24,000.00
1972 MF 300 gas, 10 ft. grain & 2 row corn head	10,500.00
1971 MF 410 diesel, 13 ft. grain & 44 corn head	11,000.00
1969 MF 510 diesel, 13 ft. grain head	12,500.00
1968 MF 510 diesel, 13 ft. grain head	13,500.00
1968 MF 510 diesel, 13 ft. grain head	10,000.00
1968 MF 510 diesel, 13 ft grain head	15,000.00
1968 MF 510 diesel, 13 ft grain head	10,500.00
1968 Gleaner CII, 13 ft. grain & 4 row corn head	8,500.00
IH 315 gas, 12 ft. grain head & 2 row corn head	7,900.00
AC CII Gleaner w/grain head	2,900.00
AC A Gleaner w/grain head	2,000.00
IH 141 10 ft. grain head	2,000.00
IH 303 10 ft. grain head	2,000.00
New Idea 702 diesel tractor 767 super chopper, 763 corn head, 717 combine, 13 ft. floating grain head	14,600.00
JD 45 w/2 row corn head & 10 ft grain head	2,500.00
Oliver 525 w/2 row corn head & grain head	5,000.00
(3) 10 ft, (4) 13 ft, (6) 14 ft, (8) 15 ft, (5) 16 ft, (1) 18 ft grain heads	
(9) 2 row 38", (15) 4 row 38", (6) 4 row 30", (11) 6 row 30", (2) 8 row 30" corn heads	

NO FINANCE CHARGES ON USED COMBINES TIL JUNE 1, 1983

USED PLOWS & TILLAGE

MF 880 4-16 hyd. reset plow	2,000.00
IH 4-14 semi-mounted plow	600.00
MF 57 3-16 two way plow	2,000.00
MF 43 3-14 spring trip plow	1,175.00
MF 82 4-16 spring trip plow	1,200.00
MF 86 5-16 semi-mounted plow	750.00
JD F145 6-16 semi-mounted plow	975.00
Taylor Way pull type, 12 tooth chisel plow	1,250.00
Brillion 10 tooth, 3 pt. chisel plow	1,150.00
Dunham 8 tooth, 3 pt. chisel plow	975.00
Dunham 10 tooth, 3 pt. chisel plow	1,250.00
JD 12 tooth, 3 pt. chisel plow	1,200.00
IH 31 tooth, 3 pt. Vibra shank cult.	1,200.00
IH 13 tooth field cultivator	675.00
MF 129 Front Mtd. cultivator	300.00
JD 3 pt. rotary hoe	1,800.00
MF 428, 4 row cultivator	1,700.00
AC 48 blade transport disc	900.00
Lilliston rotary disc.	600.00
JD 10 blade offset disc.	300.00
Oliver 10 ft. transport disc.	900.00
King 32 blade transport disc	2,500.00
Oliver 36 blade transport disc	900.00
MF 730 offset plowing disc	4,750.00
JD 694 AN 6 Row Corn Planter w/Liquid Fert. & Monitor	1,350.00

HAY & MISC. EQUIPMENT

MF 1560 round baler	5,900.00
MF 1440 round baler	5,900.00
NH big bale fork	250.00
NI hay crimper	250.00
IH flail chopper	200.00
M-C 9E rotary sythe	3,900.00
Gehl 99 Hi-throw blower	800.00
Gehl S.P. 2 row harvester	1,100.00
Badger forage wagon	1,100.00
Badger forage wagon	1,200.00
2 McCurdy gravity box & running gear	800.00 each
Danuser post hole digger	850.00
Danuser log splitter	675.00
Danuser post driver	1,300.00
Mott 5 ft. 3 pt. flail mower	450.00
Big Bee 6 ft. rotary mower	450.00
Fox 3300 harvester, 2 row 30" corn head & pick up & monitor	4,500.00
MF 37 hay rake, pull type	975.00
MF 200 harvester, 2 row corn head	2,900.00
Zimmerman 36 ft. elevator	475.00
Meyer snow blade	300.00
Brady 722 6 ft flail cutter	2,300.00
York 7 ft. scraper blade	350.00
New Little Giant corn drag.	780.00
Demo Farmhand wheel rake	975.00
New Farmhand grinder mixer	4,900.00
New Farmhand grinder blower	4,500.00
conveyor for above	950.00

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

FOR SALE
2 - 6000 Gal. Pressure Tanks
300 PSI
717-859-3118

FOR SALE
8 KW PTO generator on wheels, $950
'74 IH cabover sleeper, 318 Detroit, twinscrew, low mileage, 10:20 radial tires, sliding 5th wheel PS, $9500.
215-286-9510

Lebanon Valley Implement Co., Inc.

MF Massey Ferguson | GEHL Farm Equipment

We Sell And Service

- MASSEY FERGUSON - Tractors, Combines & Machinery
- GEHL - Grinder Mixers, Skid Loaders, Hay & Forage Equipment
- GLENCOE - Chisel Plows, Soil Savers & Soil Finishers
- KNIGHT - Manure Spreaders & Mixer Feeders
- MIDWEST - Buster Bars
- LITTLE GIANT - Elevators
- AMCO - Disc Harrows
- HAWK-BILT - Tank Spreaders
- BRADY - Chisel Plows & Stalk Busters
- CENTURY - Sprayers
- MORIDGE - Grain Dryers

YEAR-END SPECIALS

SPECIAL PRICE
on
Model 275 Moridge Dryer, 275 Bu.
One Only $6,500

NEW MODEL GLENCOE
7 Tooth Soil Saver with long frame for more trash clearance
One Only $5,975

KNIGHT WEBB SPREADER
Model 252 w/gratz chain and 250 Bu. capacity includes hyd. endgate
One Only $4,695

KNIGHT WEBB SPREADER
Model 350 Soup-er-Solid gratz webb chain, lower beater, hyd. endgate & tandem axles.
One Only $7,195

HAWK-BILT TANK SPREADER
Model 2155, 152 Cu. Ft. capacity hyd. lid opener
One Only $4,595

LITTLE GIANT 34 FT.
Corn & Bale Elevator, includes motor mount, bottom hopper & used tires.
One Only $2,150

CENTURY SPRAYER
500 Gal. Trailer Sprayer includes 42 ft. boom, hyd. centrifugal pump & tank agitator
One Only $3,250

SPECIAL GEHL
Forage Box, Model 960, 16 Ft. w/roof & 3rd beater on Gehl Model 1056 tandem axle, 12 ton, running gear includes new 8 ply 11Lx15 tires & tubes.
No Trade Price $7,100

USED EQUIPMENT SPECIALS

	SALE PRICE
TRACTORS & LOADERS	
MF 2705 Tractor, 120 HP Diesel, 24 speed multi power trans. w/cab and air cond., 1978, 1,275 hrs.	$23,800.00
MF 285 Tractor, 81 HP Diesel, 12 speed multipower trans., 1978, 850 hrs.	$15,500.00
MF 275 Tractor, 67 H.P. Diesel, 8 speed Trans., 1976, 1625 hrs.	$10,900.00
MF 30B Industrial Tractor and loader, 45 HP Diesel w/cab and instant reverse trans., 1978, 2,500 hrs., new paint and tires.	$13,500.00
Ford 8600 Tractor, 105 HP Diesel w/dual power trans., like new, 18.4x38 radial tires, 1,225 hrs. (1976 new style)	$12,500.00
COMBINE	
MF 510 Diesel w/cab, 12 ft. grain table w/pick up reel and 4 row 36" to 40" cornhead non-quick attach.	$8,500.00
GRINDER MIXERS	
Gehl MX 115, 115 bushel, good condition	$2,375.00
Gehl, MX 120, hyd. drive, 120 bushel, good condition	$2,975.00
FORAGE HARVESTER	
Gehl CB 800 harvester, 8 knives w/hyd. knife sharpener	$5,800.00
FORAGE WAGONS	
Gehl 920, 16 ft. w/3rd beater and roof includes 10 ton running gear	$3,500.00
EZ forage box 16 ft. w/3rd beater and roof, 10 ton running gear	$2,950.00
Grove 16 ft. w/3rd beater and 8 ton gear	$1,000.00
SKID LOADER	
Mustang 310, 16 HP, 1979	$3,900.00
MISCELLANEOUS	
Used Brady 630 chopper windrower, good condition	$3,800.00
Used MF 33 grain drill, 17 hole w/grass and fertilizer, good condition	$1,800.00
Little Giant corn drag	$600.00

Happy Holidays

LEBANON VALLEY IMPLEMENT CO., INC.
700 E. Linden St. Richland, PA 17087
(717) 866-7518

RINGTOWN FARM EQUIPMENT

NEW EQUIPMENT
5088
3288 w/air
784 RC w/TA
584 RC
284D
244 FWD
1420 combine
1420 combine
370 disc
401 harrow 12'
720 plow 4 btm.
2250 loader
45 vibre shank
4500 vibre shank
41 cultimulchers Dunham Lehr
40 cultimulchers Dunham Lehr
40 cultimulchers Dunham Lehr
1302 Holland trans-planter
Gyrostar, tedder and rake
Woods scraper blades
Hesston 245
Selection of Wood's Mowers

USED EQUIPMENT
NH 479 mower cond.
Farmall 656D
2 Super C's
IH 574
Super AV
IH potato planter
IH 455 corn planter
Haines bulk bodies
Mayrath auger 6"x27'
1500 Schwartz loader
Meyers 400 gal. spray
Troyer elevator
100" Howard rototiller
800 Workmaster loader
JD 2 row potato digger
Lockwood 2 rw. potato harvester

USED EQUIPMENT
IH 3200A, Skid Steer Loader

NEW EQUIPMENT
SPERRY NEW HOLLAND
488 mower cond.
519 spreader
442 disc mower
258 rake
256 rake
782 harvester

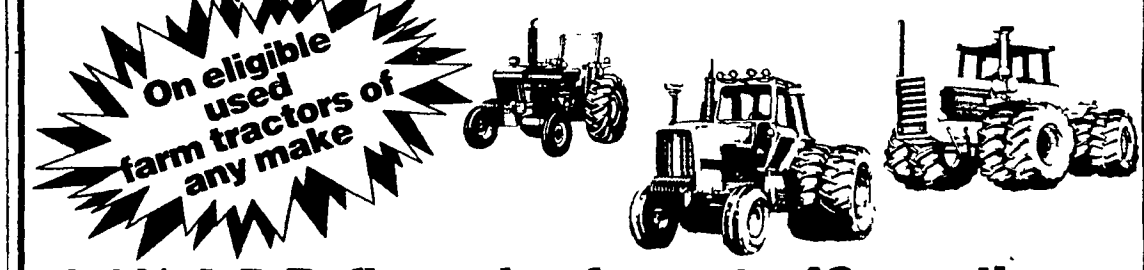
WINTER SPECIALS
Hydro 84 Row Crop
720 5 btm. auto reset plow 18"
770 deep till disk 13'9" $6895
L445 NH Loader

RD 1, Ringtown, PA
717-889-3184
Your Full Service Dealer

NEW TRACTORS
IH 584
IH 5088
IH 3288

USED EQUIPMENT
IH 886 tractor, low hours
IH 1586 tractor, low hours
IH 806 diesel tractor
Hydramac 8C skid steer $4,600
Farmall 300, $1,500
2 Farmall M $1,500
Farmall Super H, real nice $1,400
IH 574 diesel tractor $8,000
Farmall 460 gas, $3000
Oliver 1650 tractor $4,800
AC WD $1,000
AC gleaner combine model CII 14' grain & 4 row corn head $5,500
Oliver combine $700
IH 311 fast hitch plow $350
2 Oliver 3 furrow plows $400
IH 76 combine $500
IH 455 4 row corn planter $2500
IH 56 corn planter, 4 row $2000
IH 400 Cyclo planter, 4 row, no-till $4200
IH 234 corn picker $2200
IH 125 combine, $400
2- IH 990 mower conditioner, $1500
IH 234 sheller attachment $1325
NH 3 pt. hitch mower $800
Brillion 9' cultipacker $275
JD 12A combine $600
NH forage harvester $1275
NH Super 717 forage harvester w/pickup head $2,800
IH 540 plow $1100
1 set of IH 531 plow $450
AC baler $400
IH 370 disc $1800

DOMBACH EQUIPMENT
McAlisterville, Pa. 717-463-2191



8.8% A.P.R. financing for up to 42 months . . . or waiver-of-finance-charges until June 1, 1983.

If you buy one of our eligible used farm tractors any make, between December 1 and December 31 1982 you can choose 8 8% A P R financing for up to 42 months or an optional waiver-of-finance-charges from date of purchase until June 1 1983 Purchase must be financed through J I Case Credit Corporation

All offers valid December 1 thru December 31, 1982.

USED EQUIPMENT

TRACTORS
'79 Case 1210 p.s.
AC 7080 Cab-Air-Heat
Case 1070 18.4x38 (New) Power Shift
Case 1370 Cab-Air-Heat 24.5x32 Radio
Case 1090, 18.4x38 (New) Power Shift
Case 1170 Cab-Heat-8 5 Spd. 20.8x38 (New)
Case 900 w/Pulley

LOADERS
1530 Uni Loader
Uni Loader Broom
Mustang 330
1845 G
Case 580 Backhoe

NEW IDEA
206 Spreaders
325/314 Picker Sheller
323 Pickers
214 Spreader
224 Spreader
325/327 Corn Picker

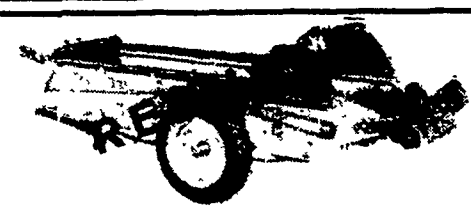
MISCELLANEOUS
Ford 101 Plow
NH Lime Drill
Case 12' Disc Harrow
NH 371 Flail Spreader
Case Auger Elevator
MF 880 6, 7Btm, plow
Wetmore 878 Grinder Mixer
Case 555 Mower Conditioner
Bush Hog 12' disc
JD 345 4Btm plow
IH 40 Stalk shredder

FORAGE
JD 65 Blower
Stauffer Forage Box
Fox HA Harvester
Gehl 910 Forage Box
JD 3800 Harvester
NH 27 Blower
Hesston Blower
JD 115 Forage Box
IH 110 Forage Box
Gehl 99 Blower

UNI-SYSTEM
702 G Power Unit
702 D Power Unit
710 Combine
743 N Head
767 Harvester
738 4RN Head

DEMO SPECIAL
Martin 1263 Scavenger $6300

206 GROUND DRIVE SPREADERS IN STOCK



SEASONS GREETINGS

A.L. HERR & BRO.

PARK AVE., QUARRYVILLE, PA 17566 PHONE: 717-786-3521

case | NEW IDEA | GEHL Gets into your system | BUSH-HOG

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

FORRESTER FARMS

1337 Lincoln Highway East
Chambersburg, PA 17201
Phone: 717-263-0705
Sales - Parts - Service
LONG
CHECK LONG TRACTOR SALE

New Long traveling irrigation unit 1820
New 610 DT
New Long 460
New Long 510
New Long 310 DT
2 Long 560
Cab for Long 560
AC 190 $3000
IH 1066 w/cab
IH 656 Hydro
IH Lowboy cub
JD 4230 w/cab
2 JD 4020 one w/cab
2 JD 3120
JD 3020, very nice
JD 2840
4 JD 2130 1 w/cab
1 JD 2120 $3,600
2 JD 2030 w/cab
MF 175 $2,900
Ford TW 10 w/canopy
Ford 9000
Ford 8600 w/dual power
Ford 7000
New Ford 6610 $15,500
4 Ford 5000, one w/dual power
Ford 4500 backhoe
2 Ford 4000, 1 w/loader
6 Ford 3000, gas
Ford SOLD /PS
Ford SOLD
Ford 641 diesel
Ford 541 offset
Ford 7 SOLD ader
Roadless 95 4 wh. drive 90 HP
Ford 9N, very nice

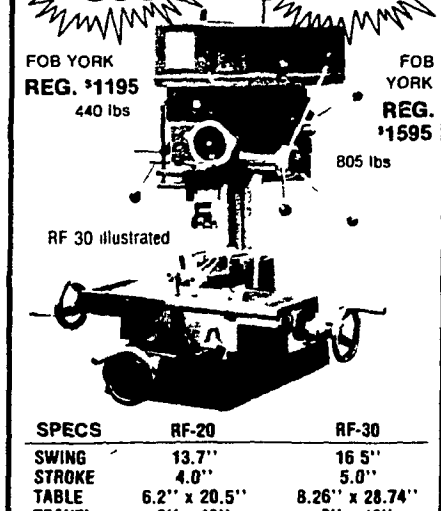
¼ Mile East of Exit 6 I-81

Yuletide Greetings

MILLING & DRILLING MACHINES

with motor, reversing switch, R-8 spindle, drill chuck, drill vise, end mill, work light, draw bar

SALE
MODEL RF-20 $895
MODEL RF-30 $1295



SPECS	RF-20	RF-30
SWING	13.7"	16 5"
STROKE	4.0"	5.0"
TABLE	6.2" x 20.5"	8.26" x 28.74"
TRAVEL	6" x 12"	6" x 18"
RPM'S	80 to 1700	135 to 2440
MOTOR	1 HP 1 PH	2 HP 1 PH

SEND $1.00 FOR MACHINERY CATALOG

WILKE MACHINERY CO.
WMC 1519 Mt Rose • York PA 17403-2996 • (717) 846-2800 WMC

TRIPLE H EQUIPMENT

VERMEER
Peach Bottom, Pa.
717-548-3775 or 717-548-2094
Vicon

VERMEER EQUIPMENT

2-new 605H bale SOLD
3-used 504F balers
1-used 605F baler
1-demo 504 Super G
2-new R23B twin rakes (Special)
1-8' heavy duty blade
1-7'6" disc mower-conditioner
2-F100 bale feeders and trailer
1-#340 irrigation traveler and dual hose reel

TRACTORS & SKID LOADERS

1-new Agri Power 9000, 113 hp, $16,700
1-new Agri Power 4000, 48 hp, $7000
1-new Lahman 30 hp, 2 buckets, $10,000

VICON EQUIPMENT

2-8 wheel V rakes, new and used
2-6 wheel rakes, new and used
2-5 wheel rakes, new
1-2400 lb. spreader
3-1900 lb. spreaders
2-1400 lb. spreaders
2-1100 lb. spreaders
2-600 lb. spreaders
2-8' disc mower, new and demo
2-8' mower-cond., new and demo
1 ea.-10' and 15' power harrows
1-RP 1200 round baler, demo
1-RP 1500 round baler, demo

MISC. EQUIPMENT

2-Sunmaster 60" rotary mowers, new
2-36" log splitters
1-Woods 10' rotary mower, used
1-Hesston 10' hydro swing, used
Zimmerman Wagons

HARVEST SPECIALS

S.G. LEWIS AND SON, INC.

RD #2, Box 66, West Grove, Pa.
215-869-2214
All Hay Equipment Free Finance until 6/1/83

FORAGE

SNH #892 Forage Harvester w/#822 corn head and 880W windrow pickup. $12,500
SNH #718 Forage Harvester w/[illegible]322 corn head $8,000
SNH #25 Blower $1,600

HAY

SNH #451 Mower w/7' Cutter Bar $1,860
SNH #472 Haybine $5,875
MF #124 Baler $5,000
SNH #80 Bale Handler 375

SPREADERS

SNH 679 Spreader w/splash guard, fine manure pan and hyd. end gate $5,550
SNH #301 Liquid Spreader, 540 Drive w/soil ejector & coulters $9,000

Don't be fooled by lower prices on "will-fit" parts. The management of other brand dealerships recognize the value put into genuine Sperry New Holland parts and service. This is what made Sperry New Holland the leader and No. 1 in hay and forage equipment. When a problem arises or you need parts or service, call your authorized Sperry New Holland dealer.

215-869-2214 or 215-869-9440

SEE US FOR YOUR YEAR-END TAX INVESTMENT CREDIT PURCHASES

COMBINES

1979 JD 4400 Diesel, cab and air, 700 hrs., like new
1975 JD 6600 Dsl., C. SOLD Very Good, Choice of Heads
1975 JD 3300 Dsl., Cab, Air, Very Good, Choice of Platforms
JD 45 Square Back w/Cab & Grain Platform & 2 Row C.H.
1973 JD 4400 Dsl. Cab & Air Choice of Heads
MF 510 Dsl. w/cab, Very Good, Choice of Heads
MF 35 w/8 ft. platform, Sharp.
IH 82 Pull Type w/ PU Reel
Ford 620 w/Grain Platform, Pickup Reel, Used Very Little

GOOD SELECTION OF GRAIN PLATFORMS AND CORN HEADS TO FIT MOST COMBINES

TRACTORS

1975 JD 4430 Dsl. Cab & Air, Very Nice
JD 4320 Roll Guard Cub
JD 4620 Dsl. w/cab 2900 hrs.
JD 4020 Dsl. WF w/dual hydraulics
JD 4020 D WF & Power Shift
JD 4020 Side Console
JD 4010 Dsl., Very Good
JD 3020 D WF, Very Good
JD 3020 Dsl. WF Side Console, Very Good
JD 2940 900 hrs. Like New
JD 2640 Dsl. Fully Equipped
JD 2520 Dsl. WFE
IH 1456 Dsl. WF
IH 1206 Dsl. w/Cab
IH 1066 Dsl. Very Good
IH 1066 Dsl. Blackstripe Cab & Air, 1800 Hrs. Very Nice
IH 856 Dsl. WFE w/Cab
IH 656 Dsl. Hydro
Oliver 1850 Dsl. W SOLD
White 2-105 w/Cab & Air
White 4-150, 4 Whl. Drive, Cab & Air, 3 Pt. 1650 Hrs.
Ford 4000 8 Speed
Ford 8600 Dsl. WF 20x38 Rubber
Ford 5000 Dsl. 8 Speed w/all Weather Cab
Case 1070 Dsl. Cab and Air 930 Hrs.
Case 730 Gas WF
AC 180D, WFE
AC 200 Dsl. WF & Cab
AC 220 Dsl. WF & Cab
AC 7000 Diesel w/Cab & Air

PLOWS -SEMI-MOUNTED

JD 1450 5x16, 4x18, 5x18
JD F145 4 & 5x16
IH 550 5x16 & 5x16 Slat Btm., Like New
IH 510 4x16
IH 720 Toggle 5x20, Like New
IH 710 6x16 on Land Hitch

PLOWS -AUTOMATIC

IH 710 & 720 5x16 SP Reset
IH 710 6x16 SP Reset
IH 710 & 720 5x18 SP Reset
Oliver 6x16
JD 2500 6x18 SP Reset
JD 2500 5x18 on Land Hitch
IH 710 7x18 on Land Hitch SP Reset
IH 700 6x16 SP Reset
IH 6 Base 735 Variable Width SP Reset

GRINDER-MIXER

Gehl 115
Gehl 95, Like SOLD
NH 352, Very Nice

CORN HEADS

MF 24, 44
AC F430
AC KF330, A330
JD 453 & 454 Row Crop Hds.
JD 243, 244, 343, 443, 444, 643
IHC 843

CORN PLANTERS

JD 7000 Consv. 6R dry fert., auger fill, insect., pop. mon.
JD 7000 min-till 6 R dry Fert., insect., monitor
JD 1240 4R plate and plateless, insect, runner and disc opener w/dry or liquid fert.
JD 1250 6R plateless, insect. w/wo fert.
IH 56 4R dry fert., insect., excellent
JD 7000 consv. 4R, dry fert., monitor, insect.
JD 7000 4R wide & narrow, dry and liquid fert., insect., and monitor.
IH 400 4R hyd. drive, dry fert., insect.
JD 246 2R w/insect.
JD 1440 4R no-till plateless, liquid or dry fert. and insect.

DISCS

AC 16' Wing Fold
JD 11'2" & 14' AW Disc
JD BWA 12'6"
JD 18' BW Wing SOLD
Sunflower 13' Hyd. center fold, very good
JD 11' RWA Transport
JD BWF 16' to 19' wing Rock-Flex
IH 350 12'

HEAVY DUTY DISCS

IHC 760 12' Offset, excellent
JD 1630 12' very good cond.
JD 4000 Double Offset 12' 8"
Bush Hog 1437 Plowing Disc 11' 4"

BALERS

JD 346 Twine w/Thrower
NH 278 w/Thrower, Like New
NH 268 w/Thrower
IH 2400 Round Baler, Like New
JD 336 Twine, Like New
JD 336 Wire

MISCELLANEOUS EQUIPMENT

JD 8250 Grain Drill, SOLD eners, Fert. and Grass Seed
JD BB Grain Drill, 21 Openers w/Grass Seed
JD 1207 & 1209 Mower Conditioners, like new
IHC 12' Pull Type Chisel Plow
Brillion Alfalfa Seeder, 8'
IH Field Cultivator 12'
NH 488 Haybine, like new
NH 479 Haybines
JD 146 Loader, Indep. Control Valves
JD 894 Rake, Rubber Mtd. Teeth
IH 18.38 & 20.38 Rr. Axle Duals
Grim Super 16 Hay Tedder
Neimeyer Power Harrow
JD 12' Roller Harrow
IH #50 Stalk Shredder
JD 300 Husker w/2 or 3R Head, Very Good
NI 319 2 Row Mtd. w/12 Roll Husking Bed, Very Good
Gehl 72 Flail Chopper, Very G SOLD
Nicholson Hay Tedder
Field Cultivator, Hydraulic Fold 18 ft.
NI Picker Sheller 2 Row Wide and Narrow

GUNTHER HEUSSMAN INC.
So. 5th St., Emmaus, Pa. 18049 215-965-5203

LONG WENGER'S INC.

OVER 200 TRACTORS SOLD THIS YEAR

251 SOUTH RACE STREET
MYERSTOWN, PA 17067

DAYS: 717-866-2135

PHONE:
NIGHTS: 717-866-7147

OR: 717-273-9089

TRACTORS

FARMALL TRACTORS

1086 ROPS - Nice $12,950
100 Hydro w/Rops $7950
H $650
444 Utility - Nice $3950
656D $5950
M - Live Hyd $1450
464 w/Loader 800 Hours . . . $7950
806 Diesel - Good $4950
1206 Diesel - Nice $6950
340 Utility - Nice $2950

JOHN DEERE

60 w/NI Mounted Picker . . . $2750
4430 Cab - Air - Syncro . . . $15,950
4520 - Nice $8950
4320 ROPS - WTS $11,950
4320 . . . . . $10,950
5010 . . . . . $6350
820 - 2 Cylinder $2950
3020 Powershift $5950
4020 - Side Console $8950
A - New Paint $850
4020 Diesel - Good $6950
720 Diesel - WF - 3 Pt $3450

CASE

1370 - 20.8x38's $8950
1070 Cab - PS $6950
830 CK $2950
VAC - Nice $1250
580 CK w/Loader & 3 pt. . . . $5950
1030 w/Cab, nice $5950

LONG

310 - New $5950
310C - New $5950
560 4 WD $4950
610 4 WD - New $11,450
560 4 WD $3450
550 . . . . . $2750

MASSEY FERGUSON TRACTORS

1105 . . . . . $7950
175D $5850
1130 . . . . . $6450
180 - Gas $4850
40 w/Sickle Mower
& Cab - Nice $5950
(2) 44 Gas $650
50 Gas - Utility - PS - Nice . . $3450
165D $4950

ALLIS CHALMERS

D21 w/Cab - Nice $7450
(2) G w/Asst. Tools $1850

OLIVER

1855 - Cab - 1700 Hrs. $9850
1650 - Nice $4950
1855 w/Cab, nice $6450

FORD

6600 - Nice $8450
2000 w/Mower - Nice $3950
NAA $2450
8N w/Clock $1650
600 w/Loader - Nice $3650
8000 . . . . . $4950
8600 - DP $8950
6000 - Diesel $2650

TRACTORS - MECHANICS SPECIALS

Farmall 806D $3950
(2) Farmall 706 . . . . . $3450
JD 4020D $5250
Oliver 1750 . . . . . $3450
AC WD45 w/2X Picker $2350
MF 180D $2750

"8" 4 WHEEL DRIVE TRACTORS
From 50 HP to 225 HP

MF 1805 - Cab - Air - 3 pt PTO - Duals - Nice $19,450
Ford County 6 - 3 Pt PTO . . . $5950
Case 2670 - Cab - Air - 3 Pt - PTO Duals $19,450
IH 4166 - Cab - Air - 3 pt - PTO - Nice $12,850
Long 610 - New - Rollbar . . $11,450
Long 560 - 3 pt & PTO - Spider $4950
Long 560 - 3 pt & PTO $3450
Ford Major 4WD $3950
4WD Unit to Fit IH $1200
(2) 4WD Unit to Fit Oliver . . . . . Each $2500

Best Prices Around On Wagon Gear's

ALL ON 15" RIMS

6 Ton - Standard $395
8 Ton - QL Tounge - 8" Rims $545
10 Ton - QL Tounge - 8" Rims $595
12 Ton - QL Tounge - 10" Rims $875
11 Ton Tandem - QL Tounge - 8" Rims $875

NEXT AUCTION

MONDAY DEC. 27th 9:30 A.M.

See Listing - Page B43

CONSTRUCTION EQUIPMENT

CRAWLER DOZERS

Cat D8 . . . . . $1500
JD 450 6 way
As Is $4800

BACKHOES

Long 3 pt. Hoe-new $3900
Long 5 in 1 w/cab $15,900
3 Pt. Backhoe . . $2400
Case Hoe Attach . . . $700-$1700
JD 310 w/cab $12,500
JD 93 Hoe Attach $2900

MISC. CONSTRUCTION

(40) Used hoe buckets . . . From $150
(25) Loader buckets . . . . From $95
(30) Set forklift forks . . . . . From $300
(6) Winches . . . . . Call
Adams Grader . $1750
(2) Huber Maintainer $2500 & Up

TRAILERS

1969 Great Dane 35 ton detachable . . $14,750
New 2X 4 Ton . . $1350
New 3x6 Ton . . . $2000
New 3x5 Ton . . . $1750

CRAWLER LOADERS

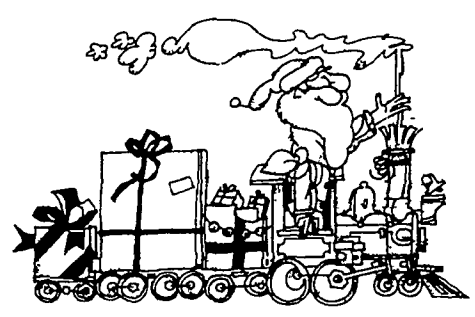
Cat 941 . . . . . $14,900
Cat 933 . . . . . $7900
JD 350 . . . . . $6900
IH T6 . . . . . $2900
AC HD6 . . . . . $4900

TRUCK TRACTOR

1974 Ford Louisville Diesel $7450
1979 GMC Cab Over $17,900
1970 White $2950

CONSTRUCTION DUMPS

1974 IH Diesel w/9' Body Air Brakes . . . $10,900



COLLECTORS TRACTORS

- Fordson, Running w/New Rubber $1750
- Farmall "F20" w/Loader,, 1939, 1 Owner, Original $1150
- JD "L", Running, 1 Row $950
- JD "H", Not Running, Hand Crank $850
- JD "A", Styled, Hand Start, Nice $850
- Oliver "70" w/Loader, Runs $850
- JD "A" Unstyled $3250
- JD "A" Unstyled $950
- Farmall 15-30 . . . . . $1950

FINANCING NOW AVAILABLE ON ALL ITEMS OVER $500

HARVESTERS

NH 890 - Nice
NH 717 & Super 717
JD 25-35
Fox & AC
1 Row to 3 Row Cornheads
Direct Cut Heads
Pickup Attachments
Fox Flail Head
Snapper Heads For:
NH Fox - JD

WINTER SPECIAL
Used Tire Chains

HAYBINES

NH 479
(2) NI Cut ditioners

CORNPLANTERS

1 Row to 8 Row
JD-AC-IH-Ford

CULTIVATORS

1 Row to 4 Row
Lots of Makes
And Models

SKID LOADERS

OMC 1200, 1976 . . . . . $3900
OMC 1700 Diesel $5900
Ford 340, 1973 $3200
Melroe 520 . . . . $5900

COMBINE CORN HEADS

NARROW ROW
IH 833-743-733-429 -329-863-327
JD 643-443-434-334 -313-335
AC 630-430-330
Oliver 703N-531-541
MF 63-43-33-321
NH 4x30 QT
Case 4x30-3x30
NI UNI - 3x30

WIDE ROW
IH 744-429-329-327-724-229-228-227-25-22-844
JD 434-334-234-210-205-10-344-244-444
AC 440-435-240-238
Oliver 544-531-522-512-
MF 44-24-422-322-222-22-20
NH 2x40
Case 4x40-2x40
NI UNI 3x40-2x40

CORNSHELLERS

JD #6 . . . . . $1500
MM 1200 . . . $3800-$4500
JD 43 - 3 Pt. $875
JD 43 Pull Type . $695

COMBINES

JD 7700 D - Fire Damage $6900
JD 4400 - Nice - Rotary Screen $13,400
JD 55 SB $4900
JD 45 SB w/2 Hds. $5500
MF Super 35 . . . $4950
IH 82 Pull Type . $3500

GRINDER MIXERS

Gehl - Nice $3450
NH 354 - Nice . . $3850
NH 352 . . . . . $1500

STACK MOVERS

Hesston 10W & 30
JD 200

CULTIMULCHERS

10'-12'-14'-16'

DRILLS

JD & IH
15 to 21 Disc

NEW DISC'S

3 Pt. - New & Used
Wheel Type From 8' to 24'
Offsets From 10' to 16'

CABS

New & Used $495 & Up
Tractors & Combine
Rollbars . . . $200 & Up
Cab Coolers . . . $500

NI UNI SYSTEMS

701 Tractor w/cab
727 Husking Bed
2x40 Cornhead
3x30 Cornhead
710 Combine Grainhead
3x30 Chopper Head
Pickup Head
High Moisture Throat
2x40 Chopper Head
3x40 Corn Head
760 Chopper
717 Combine

NEW EQUIPMENT SPECIALS

6' 3 pt Scraper Blades $195
7' 3 pt. Scraper Blades $250
8' 3 pt. Scraper Blades . . $350 & $795
Landscape Boxes . . . . . $450& up
6'6" 3 pt Disc's . $500
Spike Harrows . $500-$600
3 pt. Fert Seeders . . . $350
Round Bale Feeders $145
3 pt. Boom Poles $49
3 pt. P.T.O. Wood Saws $495
3 pt. 9" P.H. Digger $450
165 Bu. Gravity Boxes $465
210 Bu. Gravity Boxes $565
5' 3 pt. Rotary Mower $495

RAKES

MF-NH-JD

BALERS

NH - MF - IH

"NEW" 3 PT. PTO WOODSAW, 30" BLADE
Only $495

DUALS

New & Used
All Sizes

ELEVATORS

32' to 40' - $695 & Up
NH Mow Conveyors
Belt Conveyors

PLOWS

1 Bottom to 7 Bottom
All Makes -
Some Resets

LOG SKIDDERS

Tree Farmer C7 $6950

WAGONS

6-8-10-11-12 Ton Gears . . . . . $395 & Up
New Bale Bodies $495
New 16' Feeder Rack $595
Used 18' Feeder Rack & Gear $595
Used Bale Body & Gear $595
Used Bin Wagons . . . $695 & Up
Self Unloading Wagons $795 & Up

MISC. MACHINERY

Rotary Hoes
Lely 13' Roterra
4' to 10' Snow Plows
Post Hole Diggers
Lime Drills
Potato Plows
1X & 2X Potato Diggers
GT 270 Dryer
Mc 600 Dryer
(2) Gehl 72 Flail Choppers

MANURE SPREADERS

NH - NI - IH Single Axle . . . . . $395 & Up
NH Tandem Axle $2850

LOADERS

Good Asst.
All Used

FORKLIFTS

Towmotor . . . $2300
IH 350 . . . . . $2900
AC $3100
Towmotor $5200
(2) Tow Motor . . $5300
(2) Ford . . . . . $5900 & $3500

Holiday Greetings

We know we're on the right track when we say. "Have a wonderful Christmas in every way...and thank you dear friends!"

COME TO THE PEOPLE THAT DO BUSINESS

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

FIRE DESTROYS
PRACTICE FIRE PREVENTION

Badger OMC AVCO NEW IDEA

CHRISTMAS SPECIALS

IH 450 Plow 3B
IH 35 Ground Drive Rake
IH 2400 Round Baler
IH 425 Baler w/thrower
IH 1190 9 ft. Windrower
IH Manure Spreader
IH Hydro 84 Tractor
IH 784 Tractor
IH 684 Tractor
IH 3388 2+2 Tractor
NI 456 Lg. Round Baler

WILL SELL AT COST OR LESS TO CLEAR OUT LOT BEFORE 1983 ONLY 1 each available of these items.

JD 4020 WFE Side Console, Low Hrs.
IH 656 Dsl. w/2000 Loader
IH Super C
IH Super H, Excellent
IH 2500 Industrial Tractor w/Loader
IH 2500 Tractor/Backhoe Loader
IH 1206 Tractor
IH 806 Tractor
IH 706 Tractor
IH 674 D Tractor
IH 656 D Farmall Tractor A-1 Cond
IH 656 Gas Farmall Tractor
IH 606 D Utility Tractor, Exc.
IH 574 D Tractor w/2050 Loader
IH 544 D Tractor Utility Hydro, Ft. Pedal
IH 125 E Hi-Lift
IH 200 Farmall w/Cult. & Front Blade
Case 800 D Tractor
Case SC Tractor
Ford 961 Tractor
IH 756 Diesel Tractor
Long 350 Low Hrs

JD 70 Skid Loader
#10 Hydra-Mac Skid Loader
Bobcat #310 Skid Loader, 110 Hrs

JD 2600 5B Auto Plow Variable Widths
IH 710 4x16 Plow Reset
IH 560 6x16 Plow
Long 2x14 3 pt. hitch plow
JD 130 3B Plow 3 pt
JD 720 5B 20" Plow
Oliver 3x14 3 pt Plow
IH #55 9' Chisel Plow
JD KBA 12' Transport Disc
Case 8' Disc
Dunham Lehr 9' Disc
Kawanee 13' Disc
IH 19B Disc
IH 53 4 Row Cultivator
IH 263 2 Row Cultivator
Oliver 10 Ft. Disc

IH 650 Harvester
IH 555 Fg Harvester
Fox 546 Fg. Harvester
Fox 3300 w/2R Narrow Corn Head
Fox 249 Snapper Head
Fox Custom 90 Fg Harvester
NH #818 Fg Harvester
Brady 722 Flail Chopper
IH #8 Flail Chopper
NH #33 Flail Chopper
IH #5 Flail Chopper

NH #6 Fg Wagon
VanDale 185 Mixer Wagon w/Scales
Coby 4000 Fg Wagon
McCurdy Gravity Box
Kilbros Gravity Box
Grove Fg Wagon w/7 Ton Gear
Gehl Fg Wagon w/8 Ton Gear
Brady 512 Feeder Wagon
Badger Fg Wagon w/Tandem Axle Roof

IH 1460 Combine w/6 row Head
IH 915 Combine w/6R Corn Head
IH 715 Combine w/4R Corn Head
IH 205 Combine w/13' Platform

3 Pt. Hitch Stackmover
OMC 590 Sm. Round Baler
NI 456 Big Roll Baler
IH 241 Big Roll Baler
IH 2400 Big Roll Baler
IH 445 Baler w/Thrower
IH 440 Baler w/Thrower
NI 270 Cut/ditioner
NI 279 9' Cut/ditioner
IH 1190 9' Windrower
IH 990 9' Windrower
OMC 216 9' Windrower
OMC 208 9' Windrower
Case 555 9' Windrower
Hesston 10' Hydro Swing Windrower
Hesston 320 AP 9' Windrower
NH 404 Hay Crusher
JD 5' Rotary Mower - Excellent
Mott 3 Pt. Mower
Fisher Hay Tedder PTO
JD 894 Rake
IH 15 Rake
Hesston 12' Loader for Hydro Swing Windrower

702 Uni Cheap
705 Uni
767 Forage Harvester
710 Combine
729 A Shelter
NI 744N Corn Head
770 Feeder House

IH 56 Blower, Reconditioned
Hussler 56 Blower
Fox 44 Table Blower, belt driven
Kools KB60 Blower
NH #27 Blower

JD FB 13x7 Comb Grain Drill
JD 17x7 Comb. Grain Drill
IH 16x7 Comb Grain Drill
Oliver 16x7 Comb Grain Drill on Steel Wheels
Oliver 10x7 Comb Grain Drill on Steel Wheels

Jamesway 60' Belt Feeder
York Rake 3 pt. hitch
IH 1150 Grinder Mixer
200 gal sprayer
Danco 8' 3 Pt Blade
Little Giant 34' Elevator
KW Loader for IH 284
Walsh 500 Gal Sprayer, Nice
Walsh 300 Gal Sprayer

NI 245 Manure Spreader
NI 244 Manure Spreader
NI 224 Manure Spreader
NI 218 Manure Spreader
NI 214 Manure Spreader
NI 213 Manure Spreader
NH 676 Manure Spreader
Better Bilt 2600 Gal Liquid Spreader
IH 540 Manure Spreader
Hawk Bilt #357 Spreader
Hawk Bilt #357 Spreader Exc

JD 1240 4 Row Corn Planter
IH 400 6R No Till Corn Planter w/Monitor
IH 400 4R No Till Corn Planter
IH 56 4 Row Corn Planter

2% Cash And Carry Discount on All Parts
The Place to Buy New & Used Equipment
CHAMBERSBURG FARM SERVICE, INC.
975 S. Main St., Chambersburg, PA
Phone: 717-264-3533
717-597-8811 717-532-8800

Erb & Henry's **value harvest**

★ FAHR HAY TEDDERS ★

NEW RHINO 131 12' 11" FLEXIBLE DISK HARROW
24" smooth blades ¼" thick, 9½" spacing, new dual tires & tubes, furrow filler & set up, list $8257 . . . . . SALE $ 7,000

FIDELITY 35 KW ALTERNATOR
with trailer and PTO, list $4295 . . . . . SALE $ 3,550

UEBLER 790 ELECTRIC FORAGE FEEDER
with batteries, list $3860. . . . . SALE $ 3,200

VICON 620 HAY RAKE
4 Wheel, 3 Pt., list $1100 . . . . . Was $900 SALE $ 650

STARLINE 930 ROTO-SPREADER, one left . . . . . At Old Price

• John Blue Sprayers In Stock!

• Farm Bilt Bale Wagons In Stock!

COMBINES!

★ IH 1460 Axial Flow Combine In Stock, DEMO - Special Allowance Available
★ IH 1420 Combine - In Stock
★ 963, 944, 943 Heads In Stock!
★ 820 15' Floating Cutter Bars, DEMO - Special Allowance Available
★ 810 15' Cutter Bar (Old Price!)
– We Specialize In IH Combine Parts and Service

ASK ABOUT IH RED EDGE
"PERFORMANCE SAVINGS"
NEW 30 and 50 SERIES TRACTORS
Best Cash Prices Ever On All Equipment Now Thru Dec. 31st

★ **IH 3688 - Demonstrator - Extra Special Price!**
★ **IH 5288 - Demonstrator - Extra Special Price!**
★ **IH 6388 - 4 Wheel Drive - Buy A Real 4WD At The Same Price As An Add-On 4WD!**

INTERNATIONAL® AGRICULTURAL EQUIPMENT

Ask About
Cash Rebates
On Loaders, Tillage, Hay & Other Equipment

REBATES AVAILABLE IN ADDITION TO THESE LOW, LOW PRICES!

IH 1250 GRINDER MIXER, ... Old Price
IH 1350 GRINDER MIXER. . . . . Old Price
DEMO IH 501 DISK HARROW - 12'5"
26" blades ¼" thick, dual wheels w/new tires, furrow filler w/blade, hyd. cyl hoses & fittings, set up, list $8031 . . . . . Was $6,225 SALE $ 5,925
IH 315 20' PACKER MULCHER HYD. FOLDING
Hyd transport cyl., front scrapers, leveling bar, A&H, list $9312 . . Was $7,900 SALE $ 7,500
IH 415 PACKER MULCHER,
10'2 . . . . . Old Price
IH 482 CUB CADET 11 HP
4 Speed, single cyl., Briggs & Stratton, hand lift, 38" mower FREE . SALE $ 2,495
IH 5288 TRACTOR,
Demonstrator . . . . . Extra Special Price!
IH 1086 Rental
Low Hours . . . . . Time To Sell!
IH 4130 Gas Skid Loader, Demo. . . . . . Call For Price!

NEW! **New IH 496 CUSHION GANG FLEX WING DISC HARROW w/EARTH METAL DISCS** NEW!
• 22 FT. DEMO IN STOCK - ONE ONLY - CALL FOR PRICE
• 19 Ft. 1 SOLD so In Stock!

• IH 3 pt. 181 Rotary Hoe In Stock! • IH 4 & 6 Row 183 Cultivators In Stock!

ERB & HENRY EQUIP., INC.
New Berlinville, PA. 19545
Ph: (215) 367-2169
Daily 7-5; Sat. 7-3

We're An "XL" Dealer!

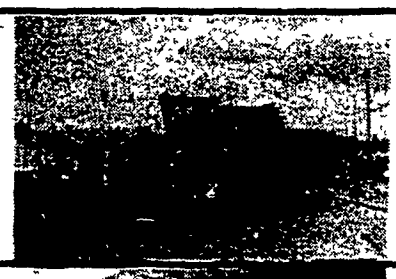
JOHN DEERE DESIGN, DEPENDABILITY AND DEALERS MAKE THE DIFFERENCE

JOHN DEERE USED TRACTORS

1010 RU Dsl.
4620 P. Shift Cab
4010 Dsl. W.F.E.
4020 Dsl. W.F.E.
4030 SYR. 4 Post R.G.
3010 SYR. Dsl.
3010 SYR. - Gas w/Side Mtd. Mower
630 Gas R.C.
70 Gas R.C.

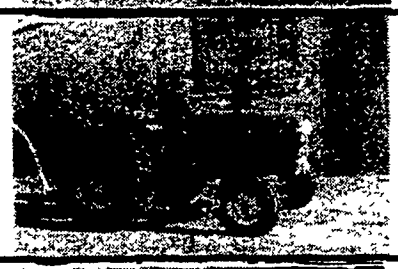
OTHER FARM TRACTORS

2 - 135 White-Cab, Low Hrs.
M Farmall
460 IHC Gas
MF 65 Dsl.
Oliver 550 Gas w/Sauder Loader
AC 5050 Dsl. w/Loader
AC 7045 w/Cab, Low Hrs.

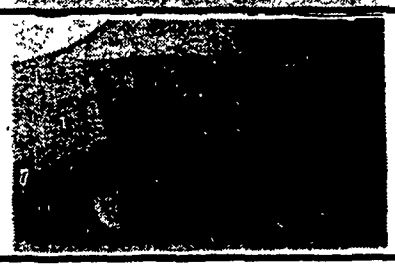


JOHN DEERE 7700 COMBINE
DSL. w/Cab, w/14 Ft. Platform
Priced At $19,900
444 Corn Head
Priced At $3,950
JDFP Financing Available
Waiver To Sept. 1-83 For Corn

JOHN DEERE 2940 TRACTOR
w/MFWD - 300 Hours
Dual Hydraulic Outlets
Priced At $19,900
JDFP Financing Available
Waiver To June 1-83



JOHN DEERE 2240 TRACTOR
w/Hi/Lo Trans.
Low Hours
Priced At $12,500
JDFP Financing Available
Waiver To June 1-83



JOHN DEERE 5400 S-P FORAGE HARVESTER
Cab w/Air C & HTR
18.4-26-8P Drive Whls., 1100-16-6P Steering Whls.
Excellent Condition
Priced at $27,500
JDFP Financing Available
Waiver To Sept. 1-83 For Corn

SALE -- RECONDITIONED USED EQUIPMENT PRICES REDUCED

PTO MANURE SPREADERS

Tag 318	NI 224 w/Endgt & Top Btr.	Reduced $500 to $3295
Tag 327	NI 218 w/Endgt	Reduced $595 to $3000
Tag 300	NI 213 Sngl Btr w/Endgt	Reduced $200 to $1595
Tag 313	NI 213 Sngl Btr.	Reduced $50 to $750
Tag 294	NH 214 Flail Type	Reduced $400 to $1595

GROUND DRIVEN SPREADERS

Tag 328	NI 206 (hubs only)	Reduced $100 to $1100
Tag 299	NI 206 steel whls.	Reduced $525 to $1250
Tag 283	NI 206 (hubs only) w/dgate	Reduced $400 to $1095
Tag 214	NI 206 stl whl AS-IS.	Reduced $50 to $350
Tag 305	NI 10A stl whl AS-IS.	Reduced $120 to $175

CORN PLANTERS
Subject to interest waiver
To April 1, 1983, JDFP

Tag 165	JD 7000 4R Cons, dry fert. insect., monitor.	Reduced $400 to $7550
Tag 141	JD 7000 4RW Reg., dry fert., insect., monitor	Reduced $800 to $4950
Tag 150	JD 7000 4RN Reg., dry fert., insect., mon., min till coulter att.	Reduced $100 to $5850
Tag 151	JD 1440 Zero Till 4R 80 plateless, dry fert. insect.	Reduced $145 to $2850
Tag 157	JD 1240 4R Plateless, dry fert., insect.	Reduced $900 to $1550
Tag 153	AC 500 4RW, dry fert., insect.	Reduced $700 to $750
Tag 164	AC 500 4R, fert., AS-IS	Reduced $345 to $250

CHECK THESE SPECIALS — CALL RIGHT AFTER 7 A.M. FOR INFORMATION & PRICE
NEW EQUIPMENT SPECIALS

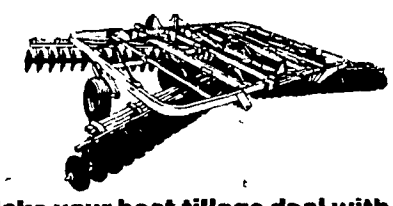
JD 2440 RU 28" whls. Hi/Lo
JD 4240 quad w/sound body
"40" Series close out specials. New Customer cash rebates and finance waiver until June 1, 1983 or cash in lieu of waiver.
JD 327 Baler w/#30 ejector
JD 337 Baler w/#30 ejector, JD waiver to May 1, 1983
JD 7000 4&6 row planters
JD money bonus & waiver to April 1, 1983
JD 6620 side hill combine w/215 flex platform w/643 corn head
JD 125 Dsl. skid steer loader
JD 90 skid steer loader
JD 6500 forage blower
JD 465 flail spreader
NI 325 2RN picker
NI 323 1-row picker
NI 272 7' cut/ditioner

NI 206 SPREADERS SPECIAL TERMS NOW BEING OFFERED WITH DOWN PAYMENT BALANCE CAN BE EXTENDED TO MARCH 1, 1983

NEW IDEA 95 BU. GROUND DRIVEN SPREADERS

206 New Idea Spreader Available
With or Without Steel Wheels
With or Without Endgate Att.

TILLAGE DISCOUNT



Make your best tillage deal with us; John Deere will make the deal even better

Now's the time to see us for a John Deere tillage tool. Besides the great deals we're making, John Deere is offering a 5 percent discount (off the latest suggested retail price of the base machine). Offer ends February 28, 1983.

Equipment On Hand For Immediate Delivery

Model & Size	John Deere 5% Discount
115 Disk Harrow 10'0"	$162.90
115 Disk Harrow 11'5"	$198.25
315 Disk Harrow 12'10"	$400.45
235 Disk Harrow 18'6" (Cushon Gang)	$538.30
235 Disk Harrow 18'6" (Dura Cushion)	$722.05
1610 Chisel Plow 10'	$88.30
1010 Field Cultivator 18½'	$239.20
1010 Field Cultivator 25½'	$442.65

WINTER REPAIR SPECIAL

FREE ENGINE OIL CHANGE WITH TRACTOR REPAIR WORK

10% OFF

On all John Deere Service Work
On Farm Tractors and Farm Machinery -
No Minimum-Thru March 1, 1983

DISCOUNT APPLIES TO ALL SERVICE WORK DONE IN OUR SHOP INCLUDING HAULING, LABOR, AND JOHN DEERE PARTS USED PERFORMING THE JOB.
☆ FIELD SERVICE EXCLUDED ☆

Make all your farm machinery repairs now to avoid wasting valuable time and money in the busy Spring. Our mechanics are experts...call soon! - (717) 291-1046.
By Appointment Only
Sorry we cannot offer discounts on credit sales

LANDIS BROS., INC.

1305 Manheim Pike, Lancaster, PA 17601
Phone -717-291-1046

JOHN DEERE

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

Vicon

HESSTON CORPORATION

Ford 4600 Diesel, $8,000
AC 5050 Diesel, $6,200
Also 32 more plows, tractors disc harrows
MF 510 Diesel combine, two heads, $6,700
MF 300 with one head, $3,500
NH 365 tank spreader, like new, $2,500
New and used chisel plows

New 18 ft. Brillion harrow, $1,800
Hesston PT10 Super good, $1,800
New Hesston tractors, Hay Tools at super prices
12 New Vicon fertilizer spreaders
Hay rakes, round balers, power harrows
Also one new 8 ft. Vicon mower conditioner for $8,150

Remember we are Distributors for Kory Wagons and Grain Boxes

Erdley Farm Supply
R.D. 1, Lewisburg
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Night 524-2408 - 524-0713

A JOYOUS CHRISTMAS

LET US NOT FORGET THE TRUE MEANING OF CHRISTMAS,
THE BIRTH OF CHRIST
THE LOVE HE HAD, TO DIE FOR OUR SINS.
MAY WE LET THAT LOVE SHINE FORTH THIS JOYOUS CHRISTMAS SEASON AND THROUGHOUT THE NEW YEAR.

case®

BINKLEY & HURST BROS.
133 Rothsville Station Rd., Lititz, PA 17543

LOOK! DON'T MISS THESE MISCELLANEOUS NEW & USED SPECIALS
EARLY BIRD GETS THE WORM

Take An Additional 25% OFF All Prices In This Column

- Brand new demo 2 bottom plow w/14" bottoms trash boards, coulter, shear bolt, ideal for small tractors $495.00
- New Pittsburg drag spring harrow, 8 ft. wide $461.00
- New Ohio dump cart for your garden tractor $179.00
- New Year-A-Round 3 pt quick hitch to fit your 3 pt $355.00
- New Holland hay pickup header $680.00
- Case heavy duty Cat II III quick coupler adjustable hitch for your 3 pt tractor hitch $480.00
- Used IH transport No 37 disk harrow 11 ft. width $1650.00
- Used IH Model 12 drag type disk harrow $550.00
- Sauder loader mounting brackets for Ford tractor $25.00
- Used Gehl Model TR600 2 row wide corn head, good cond , Serial #8800 . . . . . $380.00
- Gehl Model CB600 Harvester with 2 row wide corn head with 540 PTO, 11Lx15 tires, manual controls, hi-rise spout extension ideal to blow in trucks . . . . . Only $1850.00
- Hi-moisture grinder blower White-McKee Model CH, Serial #994 with gravity flow hopper 1000 RPM PTO (like new) they do work New Price $4500 Approx . . . . . Our Price $2450.00
- J&M Gravity Bin on Dunham 8 ton wagon with 11Lx15 tires $1025.00
- Good used Dunham cultipacker with 17" wheels, 11'4" rolling width $739.00
- New Case heavy duty lawn sweeper, 11 bushel capacity with large tractor wheels $370.00

Remember! Take An Additional 25% OFF These Prices

LOOK! DON'T MISS THESE MISCELLANEOUS NEW& USED SPECIALS
TAKE 15% OFF ALL PRICES LISTED BELOW

- New Dunham hi clearance 8 shank twisted shovels, spring shank $1716.00
- New Knight 180 bu PTO manure spreader w/Gatz Web Serial #180-1593 . . . . . $3205.00
- New Holland Model 357 grinder mixer w/21" mill unload auger extension $6900.00

Remember, Take 15% OFF Prices Listed Above

USED CASE 1030 COMFORT KING DIESEL

tractor, Serial #8299043, 540 PTO, 18.4x34 tires (worn), wide front, hydraulic remotes.

$5900 as is, where is

CASH DISCOUNT DEDUCT 33% OFF

Good Used John Deere Model 110 **DISK TRANSPORT HARROW** 13'10" Cut, New Blades, Dual Transport Wheels. Ready For Work. **SPECIAL CASH & CARRY PRICE ONLY $1980**

Case Model L **ANTIQUE TRACTOR** Good Running Order with Belt Pulley w/Steel Wheels **MAKE OFFER!**

Also Almost New **GLENCOE SOIL FINISHER** Model SF129 (Used on about 30 acres) **$5495** Less Another ~~5%~~ 10% OFF For Quick Sale

USED JD MODEL 40 GRINDER MIXER approx. 85 Bu., very good condition. Priced ~~$3600~~ **$2900**

USED JD MODEL 430 TRACTOR tricycle type, runs nice Priced **$2150**

USED CASE MODEL 1175 DIESEL TRACTOR cab, air, heater, w/dual wheels Priced **$13,800**

USED CASE 530 DIESEL
Fair Condition - As Is **$2150**

~~10%~~ 17% OFF AMCO-BILT NEW CASE ROCK FLEX WING
Tandem Disc Harrows

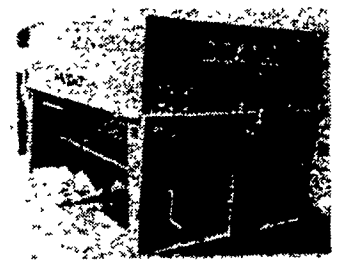
In Stock:
Cut & Finish, Rock Flex Spring Bearing Hangers, 24" Dia. Blades, ¼" Thick Double Offset Tandem, 21 Ft. Working Width, Setup w/Hoses.

READY TO GO

Reg. Book Price . . . **$11,931**
LESS AN ADDITIONAL
~~10%~~ 17% OFF

SAVE 15% OFF Price Below

MAKE EVERY BITE COUNT With A KNIGHT MINI-AUGGIE STATIONARY MIXER



Electronic scales, 82 bushel capacity, 3 H.P. electric motor with drive is standard equipment. In Stock

OUR SALE PRICE **$6,890**

~~12%~~ 15% OFF
Looking For A Good, Clean, Used, Self-Propelled Forage Harvester? We Have It!

Field Queen Forage Harvester 3160 V8, Cat. Diesel, Hydrostatic Drive, 7 ft. Hay Head & Corn Head. Ready For Your Field.

$16,950 Less Another ~~12%~~ 15% OFF

JOHN DEERE GRAIN DRILL
Model #8200 8x20 Double Disc Opener, Used Only About 70 Acres, Nice New w/Row Market, Folding Tongue For storage, Depth Bands on Disk Openers. Dual Rib Large Diameter Tires
$5800 Value For Only
$3,880 Less 5%

USED IH OFFSET DISC HARROW
7' wide, approx. 20" blades, transport, less cylinders & hoses.
$465.00

USED TAG-ALONG TRAILER
to haul skid loaders, Beck Model #2
Priced ~~$1380~~ **$980**

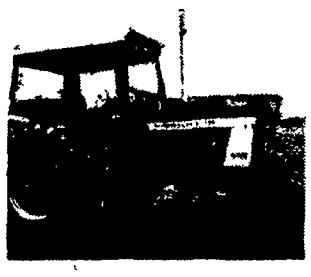
USED ATHENS MODEL 131 DISC HARROW
Flexible type, 12'11" cutting width, approximately 21" blades.
$2960

BINKLEY & HURST BROS., INC.
133 Rothsville Station Road, Lititz, PA 17543
PH: 717-626-4705
Hours: Daily 7 A.M. to 5 P.M.; Sat. 7 A.M. to 11:30 A.M.

Thanks for your great cooperation in making our CASH & CARRY DAYS SALE very successful

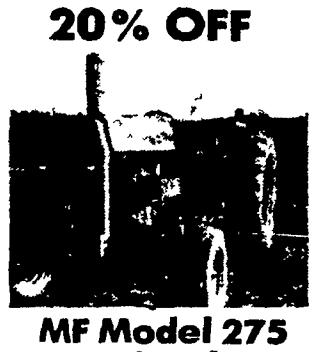
Now a final YEAR END CLEARANCE on the following equipment with a 1982 or 1983 billing (your choice):

~~7%~~ 20% OFF



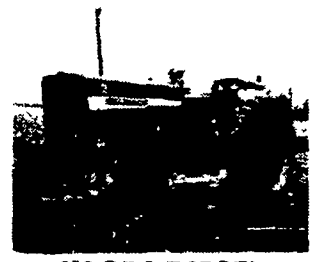
IH 1466
Cab, air, heater, 18.4x38, good TA, dual hydraulic remotes, 3276 hrs., dyno check at 158+ h.p.
Serial #26501284025369
$14,900
Less ~~7%~~ 20% OFF

20% OFF



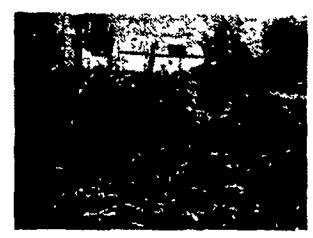
MF Model 275 Diesel
tractor, 38" rear wheel, approx. 1240 hrs., 3 front weights, in excellent condition.
Serial #9A214568
$10,500 Less 20%

14% OFF



IH 856 DIESEL
1 owner tractor, 10 front weights, 540/1000 RPM PTO, 16 speed trans., w/good TA, 18.4x38 rear tires 60%, dual remotes, very nice, Serial #22747
$8,960
Less 14% OFF

15% OFF



480 DIESEL CASE
Industrial Loader Tractor, 14.9x24 rear tires, forward & reverse shuttle, 3 pt. mod hitch, can be removed for backhoe, 73" bucket, Serial #8667108
$5,780 Less 15% OFF

10% OFF

USED GEHL MODEL 4500 HYDROSTATIC SKID LOADER
With Ford 4 cylinder gas engine, self leveling loader, 10:00x16.5 tires, 40 H.P., 65" wide bucket, T bar control.

More For Your Money Than Ever Before!

(1) Serial #1976
ONLY $8,800
(1) Serial #001461
ONLY $8600
Deduct 10% OFF These Prices!

~~25%~~ 30% OFF

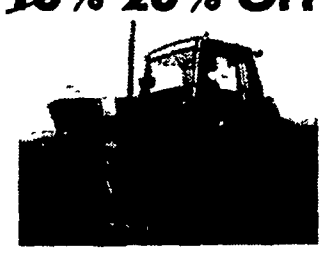
Case David Brown 1200 series
65 HP Rated Diesel engine, 1967 Model, 18.4x30 rear tires on power adjust rims, approx. 3431 hrs., still going strong. New clutch 2 yrs. ago, good battery, 3 pt. hitch, PTO 540-1000. Serial # 702764
$6,350
Less ~~25%~~ 30% OFF

CASE 830 GAS
Wide front power steering, Case-O-Matic, 3 pt. hitch Eagle type, 540 PTO, 1963 model
$2,250
Less ~~16%~~ 25% OFF

~~20%~~ 25% OFF

IH 1086
1978 Model, approx. 1300 hrs., canopy with Enclosure Kit, 540 - 1000 RPM PTO, 16 speed transmission, needs TA, has water filter kit, 10 front weights, 20.8x38 rear tires about 15%
Only **$16,850**
Less ~~20%~~ 25% OFF

~~16%~~ 20% OFF



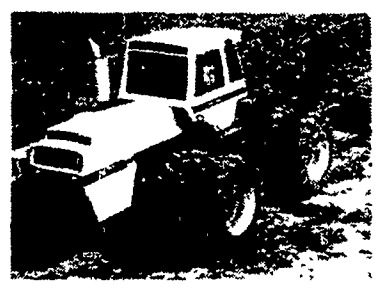
CASE 970 Black Knight Special cab, air, heater, rated 90-100 HP, 12 speed power shift trans., 18.4x38 rear tires, 6 Cyl. 401 Cu. In. engine, good running condition, Serial #8688574
Only **$11,850**
Less ~~16%~~ 20% OFF

~~12%~~ 20% OFF

WHITE 4-150
4 wheel drive, w/cab, air, heater, Cat 3208 Diesel engine, 1000 RPM PTO 6 speed, w/over-under shift, 3 pt. hitch, 3 remote outlets, Serial #246275403
Nice Clean Condition
Only $21,600
Less ~~12%~~ 20% OFF

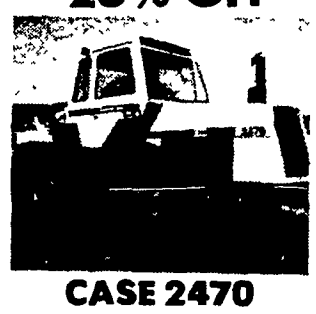
10% OFF

LOOK! There are 300 Horses Coming Your Way If You Buy This Like New Case 2870 4 Wheel Drive Tractor Now!



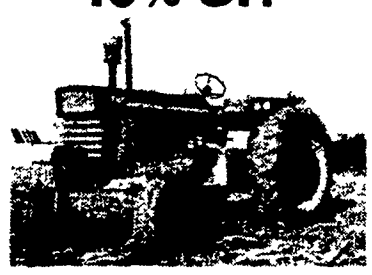
With on the go power shift transmission, 20.8x 34 tires with factory 20.8x34 duals, 4 hydraulic remotes. PLUS 4-WAY SELECTIVE STEERING ★ Approx. 600 Hrs. Ready For Hard Work
LIKE NEW For Only
$48,500 Less 10%
Hurry, Don't Wait

23% OFF



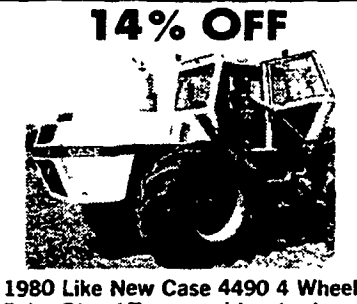
CASE 2470
4 Wheel Drive with all the Goodies: Hillside crab steering, PTO, 3 pt. hitch, remote hydraulics, cab, air, heater.
23.1x30 tires in ex. cond., 2904 hrs.
Serial #8712282
$25,900... Remember, Deduct 23%
A Steal!

10% OFF



MF 180 Diesel Tractor
Good multi-power, 15.5x38 tires, 6 front weights, 540 PTO, approx. 3766 hrs., Serial #3766. This is a good solid tractor.
$5,350 Less 10% OFF

14% OFF



1980 Like New Case 4490 4 Wheel Drive Diesel Tractor with only about 565 hrs., 20.8x34 radial tires, 3 pt. hitch, PTO, 4 remotes
$44,800 Less 14% OFF

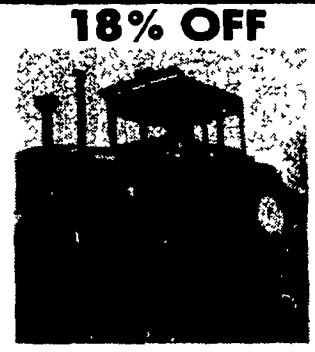
11% OFF

Like New! Must See To Appreciate
IH 1086
Cab, air, heater, 1981 model, 860 hrs., new 20.8x38 rear tires, new 14Lx16 front tires, 16 speed. trans., deluxe interior, auxiliary fuel tank, 12 front weights, dual remotes
$25,600
Less 11% OFF

9% OFF

Beautiful **1690 Case Diesel**
95 HP, cab, air, cond., heater, 12 speed power shift trans., 18.4x38 tries, dual remotes, 6 cyl. engine, only 40 hrs. 540 & 1000 RPM PTO Shaft, 22 Mo. Warranty Still Remaining.
A Real Buy At **$21,800!!**
Less 9% OFF

18% OFF



XT 190 ALLIS CHALMERS
Year-A-Round cab, 540 PTO, good paint, 18.4x34 tires worn, 3 pt. hitch, rear wheel weights, dual remotes, 93 HP Serial #12823 DXT Rear trans. updated, trans. updated
$6,860 Less 18% OFF

25% OFF Owattona 350 Skid Loader
24 HP Hydrostatic Drive With Bucket
$4,900 Less ~~25%~~ 30%

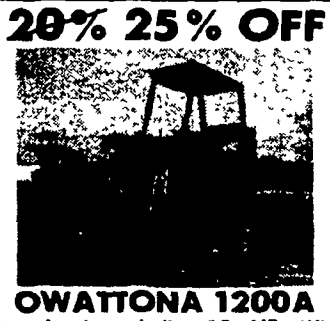
12% OFF

FORD CL-40 SKID LOADER
Ford V-4 gas engine, 60" bucket, canopy, Serial #6563
Only **$7,880**
Less 12% OFF

~~16%~~ 20% OFF

CASE 1737 UNI-LOADER
with narrow tires, quick attach bucket, Case gas engine. Only
$5900
Less ~~16%~~ 20% OFF

~~20%~~ 25% OFF



OWATTONA 1200A
Completely rebuilt, 30 HP Wisconsin engine, bucket & manure fork. NICE. **$5860**
Less ~~20%~~ 25% OFF

~~25%~~ 30% OFF

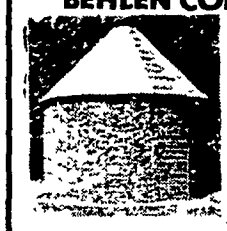
SEARS RIDING LAWN MOWER
10 HP engine, 36" mower deck, approx. 1 yr. old
$695
Less ~~25%~~ 30%

USED DUNHAM CULTIMULCHER
w/Gandy Applicater
$1695 Less 10%

LOOK AT THIS!
GOOD USED GEHL 1200 HARVESTER
In Excellent Condition with Hydraulic Spout Control, Electric Spout Cap and Transmission Control, Cutting Knives Are 50% Life, Hydraulic In Head Sharpener, 1000 RPM PTO, Used Approx. 3 Seasons, Completely Serviced and Field Ready.
Only $7800
Less Extra 6% OFF
Plus This: Pay Only ½ Now
Balance April 1, 1983 Interest Free
Or Pay In Full and Get Additional Discount Of $109.98

Are Your Corn Cribs Overflowing?
Add a #1 Behlen For low cost storage

BEHLEN CORN CRIBS



Did You Know Behlen Corn Cribs are No. 4 gauge. Which is heavier than most other brands and helps to prevent bulging of sides.
3 Sizes available:

Remember! Go Top Notch Quality...
GO BEHLEN
Limited Quantity In Stock At Old Prices

We Have Only A Few Left Over

Only (4) EXL 15
3,787 cu. ft.
Regular Price Only **$996** Each

Less 10% For Final Clearance Which Is Below Our Cost.

Only (4) EL 10
2,712 cu. ft.
Regular Price **$828** Each

Less Additional 10% Off For Final Clearance Which Is Below Our Cost

Buy For Next Year & Save!

BINKLEY & HURST BROS., INC.

133 Rothsville Station Road, Lititz, PA 17543
PH: 717-626-4705

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

82 FINAL SALE

AC 5050, 50 HP tractor, $11,900
AC 6060, 64 HP tractor, $15,995
AC 5015, 15 HP, $5200
AC 2317, 17' wing fold disk $6,500
AC 10' Chisel plow, $2,500
AC Model 2500, 13'6" disk harrow, $5,695
Pittsburgh 16' folding cart harrow, $2,250
McConnell 12' drag harrow, $875
Kewanee 7' rear blade, $325
Dion forage box 3 beater, roof, 10 T gear, 11L 8 ply tires, $5,500
34' Little Giant Elevator, $1,795
Wood bale box, 8x16, $750
Herd 1200 fert. spreader, $765

USED EQUIPMENT

AC 200 tractor, 96 HP, excel. cond., $112,995
AC 170 tractor diesel, $4,500
AC D17 tractor, gas, $2,500
Gleaner E combine, 12' head, $6,500
10' Pittsburgh drag harrow, $285
IH 400 corn planter, $1,450

ALL PRICES FOB, SALE EXPIRES DECEMBER 31, 1982

Nichols Farm Equipment

2 miles South of Jerseytown on Rt. 44
Bloomsburg, RD 1
717-784-7731

See Us About Outstanding Deals on New Equipment

New Equipment Specials

Gehl 360 skid steer loader w/2 buckets	$5,750

Used Equipment

1086 tractor w/cab & air (1400 hrs.)	$21,500
Farmall 460, gas, tricycle, 2 pt.	$3,400
460 diesel w/2001 loader & hyd. bucket	$3,500
Farmall Cub w/plow and cult., 1974	$3,975
Farmall Cub Lo-Boy w/Woods mower	$2,350
107 Cadet, 42" mower	$1,435
102 Cub Cadet w/mower	$895
124 Cub Cadet w/mower	$1,295
IH 76 lawn tractor (new engine)	$895
JD 110 garden tractor w/mower	$875
Cultivator for Farmall Cub	$400
Fast hitch for Cub	$150
Front blade for Cub	$195
710 auto. rest plow 5x16	$3,850
550 5x14" plow	$850
IH 411 4x16 plow	$495
MF 3x14 3 pt. mtd. plow	$395
JD 3x16 3 pt. mtd. plow	$315
#45 vibra shank cult., 26½' w/mulcher attachment	$3,500
JD 12' mtd. vibra shank cult.	$1,295
IH #10 single disc, 18x7 drill	$1,975
IH 400 4 row planter w/insect	$2,795
IH 400 4 row planter w/insect.	$2,450
IH 455 4 row planter w/insect.	$1,450
AC 4 row cornplanter, as is	$725
IH 453 cult. 4 row rear mtd.	$850
IH 200 rear mtd. 2 row cult. (new)	$775
IH 205 combine, cab, 10' platform, 2 row corn hd.	6,500
IH 93 combine, 10' platform w/pickup reel (nice)	$4,800
IH 430 baler w/thrower	$2,695
AC 303 baler w/thrower	$995
NH 67 baler w/thrower (motor on thrower)	$795
IH 7' 3 pt. Pitman mower	$475
Fox blower (as is)	$575
1190 mower-conditioner	$4,150
Hesston PT-12 pull-type windrow	$1,025
IH 863 6x30 corn head	$6,950
NI 1 row #10 picker	$885
Kewanee 8' 3 pt. blade	$495
IH 35 spreader, nice	$850
IH 560 spreader w/upper beater & hyd. endgate (repossession)	$3,900
Little Giant gravity flow wagon on chassis	$485

INCH EQUIPMENT CO.

Dalmatia 717-758-3021
717-758-6491

35 miles North of Harrisburg, PA on Rt. 147
18 mi. South of Sunbury

INTERNATIONAL AGRICULTURAL EQUIPMENT

• U P S Service Available

EDWARDS FARM EQUIPMENT

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Route 512 At Clearfield,
Nazareth, Pa. 18064
Phone 1 (215) 759-0240

SUPER SPECIALS

New Equipment

	Regular Price	SPECIAL PRICE
Woods 5' Dixie cutter, 3 pt.	$1,055	$845
Woods RM 306 finish mower, 3 pt.	$1,615	$1,295
Ford reversible rear scoop	$370	$295
Gannon landscaping scraper	$2,195	$1,750
Ford 5' hydraulic angle dozer blade (fits Ford 1300)	$1,285	$1,030
Glencoe soil saver, 6'	$5,465	$4,375
Westfield grain auger, 41' (less motor)	$1,385	$1,100
Bolens walk-behind snowblowers	$1,020	$815

Used Equipment

Woods HR 105 heavy duty cutter, 5', 3 pt.	$1,765	$975
York rake w/casters, 8'	$1,500	$750
Farmi logging winch	$1,795	$1,175
Ford 101 plow, 2 bottom 12"	$750	$600
1976 Chevy station wagon	$1,695	$1,450

HERR & LEAMAN

Used Farm Equipment Sales & Service
10 miles S. of Lancaster along Rt. 222

GUARANTEED QUALITY USED TRACTORS

JD 4430 cab & air, quad range, 1976 model, sharp
IH 986 1979 model, cab & air, red seat, digital read out, stereo, 1127 hrs , very sharp
IH 686 diesel 1980, 560 hours, fully equipped, 16 9x38 radials, like new
IH 1466 red cab and air, new TA
IH 856 D, 1971 model, wide front, 3 pt hitch, 38" rubber, low hr tractor, clean
IH 706 German diesel w/late 56 series shift, 38" rubber, wide front, 3 pt
IH 1456 w/20 8x38 rubber, good tractor
JD 4320, roll guard, 400 hrs on engine overhaul
IH 1206 turbo diesel, fully equipped
AC 200 w/yr round cab, dual PTO & hydraulics 18 4-38 rubber, 1700 hrs , sharp, local tractor.
JD 5020 with factory dual, diff lock, dual hydraulics Real nice tractor SOLD
IH 574 diesel, 700 hrs , w/2250 Mount-o-matic loader w/quick tach buckets, exc cond local tractor $8,850
JD 4320 w/factory cab, 38" rubber fully equipped
IH 966 fully equipped, sharp
IH 856D w/cab, fully equipped
JD 4010 Diesel, wide front
JD 4010 Diesel, wide front, dual hydraulics, 80% rubber
JD 4020 Diesel, power shift, 38 rubber, clean
Farmall MTA
MF 85 Diesel, good rubber
JD 620 gas tractor
Case 430 diesel, 3 pt real nice
IH & JD cabs (used)

FALL CORN EQUIPMENT

IH 715 hydro w/4 row narrow and 13 grain head
NI 702 power unit w/heavy rear axle
NI 323 1 rw picker has done very litt SOLD k

HAPPY HOLIDAYS AND A PROSPEROUS NEW YEAR

Box 91 New Providence, PA 17560
Ph. 717-786-1606 &
Evenings 717-786-4899

JOHN DEERE EQUIPMENT FOR SALE

JD 1010 22½' horizontal fold field cultivator, like new
JD 535 truck mtd. sprayer, 40' boom, excellent
Myers 8' Snow Plow, front mtd. for ag tractor

THE ABOVE EQUIPMENT IS FROM AN ESTATE AND IS IN EXCELLENT CONDITION PLEASE CALL FOR AN APPOINTMENT TO LOOK AT ANY OF THIS EQUIPMENT

717-428-1953

Season's Greetings

MESSICK

FARM EQUIPMENT INC.

RHEEMS EXIT - RT. 283 ELIZABETHTOWN, PA.

TORQUE AMPLIFIER, CLUTCH & TRANSMISSION PARTS & SERVICE

Complete TA assemblies for 706-1586 are priced at $595 and come with a Dana Co. Heavy Duty Sprag instead of the usual IH sprag. **The Dana sprag is guaranteed for 2 years against failure.** Sprag kits (includes sprag gear, Dana sprag, and piston carrier) and all items for rebuilding your own TA are available to qualified persons. Ramps and carriers for the older style TA's (as in SMTA, 340, 560) are priced at $150 each and carry a 90 day guarantee. We have all the parts needed to rebuild your TA in stock at prices that will save you money. We also have a shop available for complete TA installation. Or, you may split your own tractor and bring the center housing to us, which we can rebuild while you wait (approx 4-6 hrs.) We also stock New and Rebuilt Water Pumps, Dynlife Clutches, Pressure Plates, and PTO Drive Gears, (Spline-fit into pressure plates) for most IH tractors and combines

— INTRODUCTORY LISTING OF NEW ACCESSORIES —

Easy-Shift Trans-Brake Control - fits 06, 56, 66, 86 and 2+2 tractors Eliminates grinding, eases hard shifting, reduces wear, and installs easily in approx. ½ hour Will work on tractors with or without TA. Was priced at $289 plus shipping. now selling for $189 shipping included.
New 3 pt. Hitch assemblies - Now available for SMTA, 400, 450, 560, 544-656, 666, Hydro 70, 706-806, 1206, 56, 66, 86 & 2+2 tractors. Also available for cat. II & III models. Prices start at $450.
Drawbars - O.E.M. replacement Fits 06, 56, 66 & 86 tractors Standard - $125, Telescoping - $200. Center extension available for $85.
Top-Link Anchor Bracket - With oil fill & dipstick Eliminates pouring oil through cab & platform. Available for cat II & III tractors. Priced at $82 and $70.
Front Weight Brackets - For IH suitcase weights, fits 06, 56, 66 & 86 tractors. 10 wt capacity - $90, 12 wt - $100, 16 wt. - $125, spacer blocks - $18.

— USED PARTS —

We buy and sell used parts and parts tractors We have a good selection of quality used parts at competitive prices. Please have part no. when calling, if possible.

Selling parts from the following:

Tractors - IH 1066, 806, 706G, 656D, 660D, 450D, 340, 300, M, SM, W-D9C, W-6 & A. JD 520, 3010, 2020D, 60, A, B. Oliver 1650-G.
Combines - IH 203, 815-D, fresh 407, JD 30 & 55, MF 35, MF 510 G Quick Tach., Uni- 701, 702 & 705 tractors, also 710 combines & 727- & 737 huskers.
Corn Heads - IH 429 WN, 430, 228, 227, 328 WN.

Dealer Inquiries Welcome

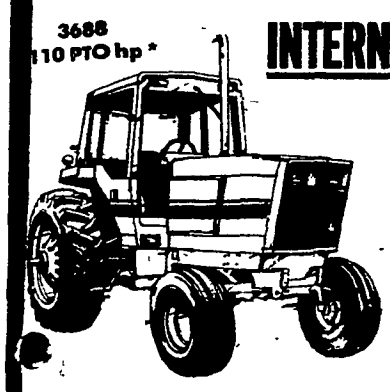
J. EDWARD LEAMAN
Rt 1 Box 474
Willow Street, PA 17584
717-464-2874

MESSICK'S

Farm Equipment Is Our Business

ONLY 4 DAYS LEFT TO TAKE ADVANTAGE OF CASH REBATES AND YEAR END TAX CREDITS.

3688
110 PTO hp *



INTERNATIONAL-THE NEW NO. 1

5288
160 PTO hp*

Looking for a clean Used Tractor? We have two

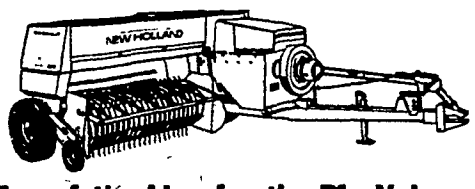
CREAM PUFFS!

Int. 1486 with 1200 Hrs.

Int. 1086 w/Cab, Air, 300 Hrs.

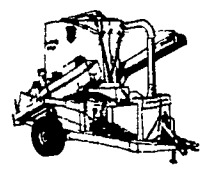
WAIVER OF FINANCE ON USED TRACTORS TIL MARCH 1, 1983

NH 320 Baler



Top of the Line for the Big Volume Hay Grower

NEW HOLLAND MODEL 358 GRINDER MIXER Offers Big Capacity



Check these features:

- 125 bu. tank.
- 21 inch hammermill.
- 540 or 1,000 RPM drive
- Mechanical or hyd. drive.
- Remote unloading auger control.

ONLY 5% INTEREST

On New Holland Machinery, Limited Time Offer

— OR —

0% Financing (12 Monthly Payments)

— OR —

CASH REBATES Ranging Up To $6,000

RENT ME or I'M FOR SALE

NH L445 LOADER, Gas or Diesel

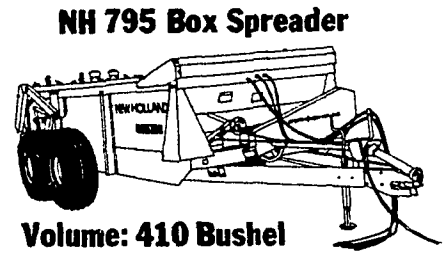
Free Finance Til April 1, 1983 or Cash Rebate

STRONG-BOXES

8 MODELS TO CHOOSE FROM

NEW ADDITION TO THE N.H. SPREADER LINE

NH 795 Box Spreader



Volume: 410 Bushel

CHECK OUT THESE HAY & FORAGE SPECIALS: PRICED RIGHT!

- NH 320 Baler & 70 Thrower, like new, used one season.
- NH 718 Forage Harvester, 2 row head & pickup attachment.
- Fox model 2310 heavy duty, 2 row new style head & pickup attachment.
- NH 30 Blower, 1000 RPM, used 1 season, ex.
- NH 851 Rd. Baler, auto. tie.

Don't Forget 5% Interest or Waiver

GOOD CLEAN USED EQUIPMENT

TRACTORS

IH 656D Tractor
Int. 1486 w/1200 Hrs.
Int. 1086 w/cab, air, 300 hrs
Int. 684, 500 hrs.

HAY EQUIPMENT

IH 37 Baler w/Thwr.
NI Mower Conditioner
IH 430 Baler & Thrower
N I. Mower Conditioner, Like New
J D. Hay Tedder
NH 68 Baler
NH 67 Baler
NH 65 Baler
NH Model 1495 Self Propelled Haybine
NH 53 Thrower to Fit 273, 275 Baler
Int. 1190 Mower Conditioner
NH 851 Auto. Wrap Round Baler, Fully Equipped
NH 320 Baler w/70 Thrower, Ex. Cond

PLANTERS

IH 400 Planter 4 Row
Tye No-Till Grain Drill w/Coulters & Press Wheels Ready to go! Like New.
Int 800, 6 Row w/No Till, Fully Equipped

TILLAGE EQUIPMENT

IH 531 Plow
IH 37 Disc Harrow 11 Ft 6" Cut
Brillion 10 Ft. Packer
Brillion 16 Ft. Transport Harrow
Brillion 10 Ft. Transport Harrow
IH Little Genius 2 Bottom Plow
3 Pt. Disc Harrow
Athens 18 Ft. Disk Harrow
Glencoe 13 Tooth Chisel Plow
Glencoe 13 Shank Chisel Plow
Bush Hog 10 Tooth Shank Chisel Plow
JD 40 Spreader

SPREADERS

REPOSSED NH 800 15 Ton Spreaders w/Hyd. Gate, Fine Pan, Top Beater, Excellent Cond.
JD 790 Tank Spreader
NH 345 Tank Spreader
NI 200 Bu 3 Beater Spreader, Excellent

MISCELLANEOUS

Several Used Cub Cadets
NH 36 Crop Chopper

HARVESTING EQUIPMENT

IH Model 234 Mtd Corn Picker
NH Self Propelled 818 Diesel Harvester
880 N3 Corn Head
IH 15 Hay Rake
Bush Hog 5 ft. Rotary Cutter Trailing
AC Model 630 6 Row Narrow Cornhead, Used 2 Seasons, Like New
Fox Model 2310 w/H D PTO Electric Power Sharpener, 2 Row New Style Corn Head & Pickup Attach Only Used ½ Season
NH Model 30 Blower, 1000 R P M
NH 717 Harvester, 2 Row Narrow Head
NH 717 N2 Narrow Row Corn Head
NH 718 Forage Harvester, 2 Row Corn Head & Pickup Attachment, Ex., Cond

SKID LOADERS

NH L425 Skid Loader, Excellent Cond SAVE $$$
NH 779D Skid Loader
NH L35G Skid Loader

STIHL®
The World's Largest Selling Chain Saw

MESSICK FARM EQUIPMENT, INC.

VISA

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WARREN SPICKLER — HOME 653-4560 RAYMOND MILLER — HOME 653-8762
★ WE SHIP UPS

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

Seasons Best

As the New Year begins, may it be filled with prosperity . and the very best of luck, all!

MF Massey Ferguson

NEW EQUIPMENT IN STOCK

MF 540 diesel combine
MF 860 diesel combine, hydro
MF 1144 corn head
MF 1163 corn head
MF 13' table
MF 15' table w/floating cutter bar
MF 13' Ull reel
MF 15' Ull reel
MF 520 disk, 22" 12' scraper
Glencoe soil saver $4,950
Du-al 200 bu. manure spreader, upper beater, hydraulic liquid endgate front spill guard, $4,650.

USED EQUIPMENT

Beaver 4 wheel drive tractor w/42" mower
MF 760 combine 16' Corn & grain head
MF 510 diesel combine
MF 300 gas combine w/2 row corn head & 13' grain head
MF 24, 33, 43, 44 corn heads
Heavy duty front end loader for a Ford or Ferguson, excellent condition.
Ford 9N gas tractor

Renting skid steer loaders.

Radio Dispatched Service On All Makes Of Equipment

Large Inventory of New & Used Equipment

ABRACZINSKAS
Farm Equipment, Inc.

RD 1, Catawissa, PA.
717-356-2323
(south on Rt. 42)

USED FARM EQUIPMENT

JD 4430 Tractor
JD 4030
JD 3010
JD L Tractor w/plow & cultivators
JD 1450 4x16 semi-mtd. plow
JD 1450 5x16 semi-mtd. plow
MM 32 blade transport disk harrow
IH 440 baler w/thrower, excell. $1895
JD 39 3 pt. sickle bar mower
NH 479 haybine
JD 38 harvester w/2 row N. head & hay pickup
JD 33 PTO manure spreader
JD 7000 6 RN Conservation Planter
AC 4 row no till planter
White 5400 6 row N. no-till planter
JD FBB 17x7 grain drill
JD FB 13x7 grain drill
IH 13x7 grain drill
Brillion 11 ft. cultipacker
JD 506 3 pt. 5' rotary cutter
JD 307 6' rotary cutter
JD 507 7' rotary cutter
JD 444 corn head
JD 6600 sidehill combine w/13 ft. grain head & 4 RW corn head $37,995
Midwest round bale unwinder 3 pt. hitch $595.00.
2 wheel trailer w/side boards
(5) JD high pressure hyd. cylinder

NEW TRACTOR TIRE CHAIN SALE

* 2 Pair 13.6x28	S.P. $215.99
* 1 Pair 13.6/13 9x36 - 13.6x38	S.P. $216.90
* 1 Pair 14.9x26 - 14 9x28 . .	S.P. $199.00

* Priced subject to change after stock on hand is sold

NEW FARM EQUIPMENT SPECIALS

	L.P.	S.P.
JD 4440 Tractor.		Call For
JD 2440 Tractor		Special Sale
JD 1050 Tractor		Price
JD 90 Skid Steer loader	10,633.00	8495.00
JD 125G Skid Steer loader . . .	16,634	14,300
7 ft Hay Pickup	3377.00	2995.00
JD 8300 18x7 grain drill	5221.00	4695.00

PACE

VISA

NEUHAUS'ES INC.
John Deere Sales & Service

RD2, York, PA 17403
Phone - 717-428-1953

TRACTORS & LOADERS

Ford 4000 3 cyl.
(2) 3400 Gas
(2) 4000 Ind. Gas
860 w/Power Steering
Jubilee
Ferguson 30
Satoh 650

1971 Ford 5200D WFE $5250

1968 Ford 5000 Diesel Real Nice $6,000

MF 175D 8 speed
JD 2640 w/Hi-Lo
NH 213 Spreader almost new

KELLER'S FARM MACHINERY, INC.
116 Richlandtown Pike
Quakertown, PA 18951
215-536-4046

JOHN DEERE

JD 4030 Tractor
JD 4020 Tractor P.S. W.F.
JD 4020 Tractor WF
JD 4020 Side Console
JD 4010 Tractor propane
JD 3020 Gas Tractor
JD 2640 Tractor w/145 Loader
JD 1020 Tractor
JD 850 Tractor
JD MT Tractor w/plow, Cultv. and Mower
JD 60 Tractor
JD 60 Tractor
JD A Tractor
Farmall M Tractor
Farmall H Tractor
Farmall 400 Tractor
IHC M Tractor
IHC Super M Tractor
Case 530 Backhoe
JD 170 Skid Steer Loader
JD 1209 Mower Conditioner
JD 336 Baler w/ejector
JD 24T Baler w/ejector
JD 7000 6R Consv. Planter w/Liquid Fert.
JD 7000 4R Consv. Planter w/Dry Fert.
JD 1240 4R Plateless Corn Planter
JD 1440 No Till Corn Planter
NI 325 2R Corn Picker
JD 3800 Chopper w/2R corn head
JD 35 Chopper w/2R corn head
JD BWA Disc
JD B Plane 15 Disc Grain Drill
JD 8250 14x7 Grain Drill
JD FB Grain Drill
JD 8350 18x7 Grain Drill
JD 4400 Combine w/Platform & C.H.
JD 4400 Combine w/444 Corn Head & 13' Platform
JD 7700 Combine
JD 7700 Combine w/643 Corn Head & Platform
JD 6600 Combine w/15' Platform
Gleaner A Combine
JD 244 Corn Head
JD 709 Rotary Mower
JD 110 Chuck Wagon
JD 115 Chuck Wagon
JD 125 Chuck Wagon
NI 279 Cut/ditioner
JD 2800 6B Plow
JD F145 4B 16" Plow
JD 145 6B Plow
JD 1450 5B Plow
IHC 5B Plow
IHC 6B Plow

ENFIELD EQUIPMENT INC.
Whiteford, MD 21160
Ph: 301-452-5252

FARM EQUIPMENT

SAME
AVCO NEW IDEA

FOR SALE

IH 574, 2800 hrs., w/Sauder loader, new rear tires, $6,300 nice cond.
Case tractor, 870, 12 spd., ps trans., good cond., $8600
Stauffer 16' 2 btr. forage box with 8 ton gear, good cond. $990
Dion 60" forage blower, good cond. $1385
Artsway 154-54" forage blower, NEW $1600
N.I. forage blower, model 620, 54"fan, good cond. $875.
NH model 469 mowditioner, $2,560 good cond.
Wic bedding chopper, model 7910, 5 h.p., $1100 (Demo)
NI #323 1 row picker, like new, 90 acres, $4,300
IH #580 manure spreader, hyd. endgate, Gratz chains, good cond. ($3,600, $3,000)

HEISEY FARM EQUIPMENT, INC.
RD 1 Jonestown, PA
717-865-4526

Ford Tractors Equipment
SPERRY NEW HOLLAND

TRACTORS

Ford 8000
Ford 7000
Ford 3400 w/Backhoe
Ford 1200 w/Loader
Ford 1100 repossessed 4WD w/loader
Ford 445 Backhoe Loader Repossessed
Ford 545 Backhoe Loader Repossessed
Ford 960 Tricycle
Ford 535 Tractor/Loader/Backhoe
(2) Ford 9N
Ford TW10
Case 800 dsl.
Case DS1
Case DC
Case 680 C Tractor/Loader
Ferguson 20
Massey Harris 44
JD 2510

EQUIPMENT

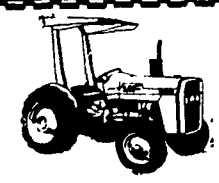
Crown Rock Picker, hydraulic drive
NH 479 Haybine
NH 469 Haybine
NH 78 Baler w/thrower
JD 1209 Mower Cond.
NI Wheel Rake
NH 516 sgl. btr. spreader
JD spreader
IH 155 spreader
IH 175 spreader
Lawn & Garden Tractors w/Mowers & Snow Blowers

PEACE

May the special meaning of Christmas abide with you throughout the year

CHARLES S. SNYDER INC.
RD3 Tamaqua, PA 18252
Phone: 717-386-5945

FARM EQUIPMENT



MF Massey Ferguson

TRACTORS & EQUIPMENT

IH 184 Tractor w/Mower & Frt. Blade
IH 284 Tractor w/Mower
IH Farmall Super H Tractor
Ford Loader for Ford 2000, 3000 and Any to 8N
AC D17 Dsl. Tractor
MF 50A Tractor, Loader, Backhoe
MF 275 Tractor
MF 3165 Tractor w/Loader & Cab
MF 40 Dsl. Tractor and Loader
NH 489 Haybine
NH 892 Fg. Harvester
NH 718 Harvester w/822 Head & Pickup
NH 36 Crop Chopper
NI Cut/ditioner
IH 440 Baler
NH 270 Baler w/thrower
NH 269 Baler w/thrower
NH 1010 Bale Wagon
NH 510 Manure Spreader
NI 213 Manure Spreader
AC 516 Plow
NH 451 Mower
IH Rake

NEW M.F. EQUIPMENT

MF 520 disc harrow
MF 275 Tractor
MF 285 Tractor
MF 245 Tractor
MF 265 Tractor
MF 210-4 Tractor
MF 1010 Tractor
MF 40B w/Cab
MF 40B w/Cab
MF 20 Turf Tractor
MF 124 Baler
MF 34A Loader
MF 34A Loader
MF 32 A Loader
(2) MF 216 Loader
MF 640 Corn Planter
MF #43 2B Plow
MF 820 Disc Harrow
(2) MF 320 Disc Harrows
MF 226 Scraper Blade
MF 227 Scraper Blade
MF 124 Baler w/Thrower
MF 218 3 pt. Rotary Cutter

S.G. LEWIS & SON, INC.
R.D. 2 Box 66 West Grove, PA
215-869-2214

Holiday Greetings

Used Tractors:

John Deere 2020, 2030, 4520, 4440 cab & air, duals, 4430 w/cab, 4630, 4320, 4230, 4030, 4020, 2510, 2440, 3020
Allis Chalmers 210
Farmall 1466, 966, 766, 806, 756, 656, 460, 450, M, H, 574 w/loader
Ford 9600 cab, 5000, 7000, 3400 w/loader, 2000
MF 175 diesel, 1100

Used Combines:

JD 7700
JD 4400 gas
JD 45
JD 55 corn special
NI 704 w/717 combine
JD 7000 6 row conservation planter

Used Corn Heads

JD 2, 4 & 6 row corn heads
IH 6 row
NI 4 row N

Used Choppers:

JD 5200 self-propelled chopper
Fox 3000 w/3 row head
NI uni chopper 3 row narrow uni head

Used Trucks:

IH 2010 tandem w/new grain body & hoist
'73 Chevy C65 w/400 bu. grain body & hoist in good cond.

Used Plows & Disks:

Used Keewanne 20' hydraulic fold mulcher
Used Keewanne 21' disk,
JD 7 bottom on land hitch plow
1450 John Deere 7 Bottom
New White 418 spring reset plow
Large selection of John Deere 5, 6, & 7 Bottom
Athens 21' Hyd. Fold disk
IH 470 18' Disk
Large selection of smaller John Deere disks
New Gehl, Fox & Badger Equip.
JD model 2500 6 btm. 18" auto. reset plow
NI 323 one row picker
JD 346 wire w/thrower
NH 273, 275, 276, 278 balers
JD 1209 haybine
NH 467 haybine
Used Moridge grain dryers
Gehl 95 feed grinder
Gehl 920 tandem axle forage wagon, used 2 seasons

D & R EQUIPMENT INC.
Ringoes, New Jersey
(201) 782-5082

BUYERS BEWARE

STOP

Don't read this ad UNLESS

#1 You want to save big bucks
#2 You planned to buy in spring
#3 You want the best tax break

STOP

WHY?

You'll buy now from C&W because we've got your best deal.

120 16' forage box, roof, 10 ton running gear, new tires ... $4,750
2400 Big roll baler ... $8,995
560 manure spreader, 255 bu. capacity ... $4,950
56 blower ... $2,350
730 adjustable width plow, toggle trip ... $4,995
475 disc harrow 11'6", new tires $3,995
4500 16'5" vibra shank field cultivator ... $2,350
5500 chisel plow, hi-clear, 7 shank ... $1,950
#80 snow thrower, dual augers ... $1,650
1190 mower conditioner, 9' ... $6,250
720 5-18 auto. reset plow ... $7,125
800 4 row air-planter w/fertilizer & chemical attachment ... $6,575

One Only New IH Tractor Specials

We've Got Your Best Deal

3088 18.4x38 rear tires, 80 HP ... $19,100
3288 Cab, 18.4x38 rear tires, 90 HP ... $27,775
584 D row crop ... $13,150
884 D row crop. Just arriving, call for price

SPECIAL
Hyster 7500 lb. forklift dual solid drive wheels, 10' lift, PS
$8,000

USED TRACTORS

Waiver of Finance Available

- JD 2520 diesel equipped w/Hinson cab 16.9x38 tires ... $8,250
- IH Farmall 766 diesel, wide front, 3 pt. hitch ... $13,750
- IH Farmall 806 diesel, cab, dual rear tires, wide front, 3 pt. hitch ... $8,750
- IH 464, 3 pt. hitch, dual aux. valves, PS, used only 480 hours ... $6,500
- Farmall 1086 cab, air, 450 hours, 20.8x38 tires ... $23,750
- Farmall 560 diesel ... $3,950
- 1066 w/cab
- 1256 ... $11,500

USED EQUIPMENT

Waiver of Finance Available on Most Used Equipment

- IH 830 forage harvester w/2 row corn head ... $6,500
- NH 880 harvester w/2 row corn head ... $3,750
- IH #16 harvester w/1 row corn head, clean ... $1,000
- JD #24T baler w/thrower ... $1,200
- IH 37 baler w/thrower ... $800
- IH 110 side mounted sickle bar mower ... $675
- Athens 11'6" disk harrow, disked 10 acres ... $2,150
- Walsh 500 gal. sprayer ... $1,500
- NH 40' elevator w/gas engine ... $1,275
- IH #93 combine w/10' platform ... $3,000
- IH #71 flail mower ... $500
- IH #1300 sickle bar mower ... $1,375
- Athens Rhino model 131, 13' heavy duty disc harrow w/16 bearing standards, 22" discs 4" cylinder. Midwest Buster Bar ... $5,950
- McKee snowblower ... $500
- Gehl harvester w/2 heads ... $500

1 owner IH 4140 skid steer loader, 4 cyl. water cooled 40 HP engine, used 937 hours, equipped w/60" material bucket and 60" manure fork, all gear drive

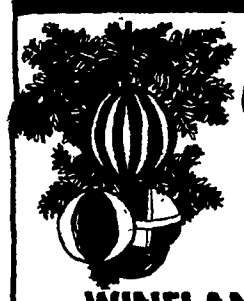
$9,750

1-800-692-7829

We ship parts by UPS daily — We specialize in TLC guaranteed service

C & W EQUIPMENT, INC.
260 York Rd., Carlisle, PA 17013
717-243-4419

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT



Merry Christmas

We're trimming the season with all the best for you and your loved ones! Peace!

WINELAND EQUIP. INC.
RD 2 Rte 164 East
Martinsburg, PA 16662

PEQUEA BATTERIES

Ronks, PA 17572

- GENERATORS
- STARTERS
- ALTERNATORS

PARMAK FENCERS

EXPERT REPAIRS

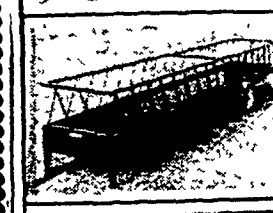
NH model 800 manure spreader with 19L 16.1 flotation tires and wheels, hyd. fluid endgate, fine manure pan, splash guard. Current list price - $19,206.

Selling Price - **$12,500**

Hutton Farm Equipment
Mahaffey, PA
814-277-5504

AVCO NEW IDEA
HESSTON
SPERRY NEW HOLLAND

YEAR END SPECIALS



Gehl 120 grinder mixer, excellent
New 3 pt. blades, 6 and 7', special discount
JD 7' pusher blade
New 6' bucket to fit Swartz or Oliver manure loader
White 316 plow, sharp
McCurdy and Farmer Boy gravity bins in stock
12' Supreme silage conveyor, used 6 months
Round bale feeders w/floors
7' Woods rotary cutter
11' Chattanooga cultipacker
13' Brillion field cultivator
Pequea . woodsaw in stock
Opel flail chopper
Hardy rotary mower

Sales and Service on farm tires

DJ Implements
Located in Reistville midway between Myerstown and Schaefferstown along Rt. 501
717-949-3074

Seasons Greetings

END OF YEAR SALE

Prices reduced drastically for quick sale. Take advantage of the year end sale. Prices F.O.B.

TRACTORS

	List	SALE
JD 4000 tractor	$12,500	$9,600
JD 4010	8,900	8,400
JD 2520	8,900	7,800
JD 2510	7,000	6,200
JD 730	4,200	3,200
JD 70	2,800	2,200
MF 65 diesel	3,500	2,800
550 C SOLD diesel	3,500	2,600

HAYING EQUIPMENT

	List	SALE
JD 24T baler w #2 ejector	$ 1,600	$1,295
JD 1209 mower conditioner	3,200	2,500
JD 640 rake	1,175	975
JD #10 mower parts		50

COMBINES

	List	SALE
JD 6620 sidehill w 643 head	$74,400	$66,000
IHC 205 combine w platform & 2 row head	7,000	6,000

CORN PLANTERS

	List	SALE
JD 494A	1,495	850
JD 1240	3,000	2,000
JD 7000 planter 4RW	6,500	4,200
JD 7000 4RW w new min till coulter and pop monitor	6,900	4,800
IHC 56 4 row	2,600	1,600

DISCS AND PLOWS

	List	SALE
JD 12' KBA disc	$1,200	$650
Pittsburg 12'	1,600	1,000
JD 950 roller harrow	3,800	3,400
JD 145 plow 5-16"	2,100	1,800
7 tooth Taylor Way chisel plow	975	850

OTHER EQUIPMENT

	List	SALE
Moridge dryer, SOLD model 275	$3,500	$2,000
IHC harvester, #16	1,495	800
JD 38" row crop head	675	450
JD 37 loader	995	750
NI 5 SOLD ader	450	250
JD 850 SOLD spreader 250 bu w airplane tires	3,500	2,250
NI spin spreader	695	500
Deere SOLD cultivator	295	250
Ontario drill 16x7	3,200	2,500
6000 Kools blower, 1000 RPM	1,275	850
Dua w [illegible] 20.8x38 snap on	650	625

	List	SALE
JD 79 tank spreader	550	500
JD 790 tank spreader	695	625
30" 2R Row Crop	800	725

END OF YEAR SPECIAL ON NEW EQUIPMENT

	List	SALE
JD 88 blade, 7'	$ 850	$ 650
JD 40 spreader SOLD	4,900	3,500
JD 445 flail spreader	5,185	4,100
JD 90 skid steer	10,800	7,600
JD 125 D Skid Steer	18,500	13,500

Waiver of finance and payment on nearly all equipment

DISCOUNT UP TO 50% OFF ON THESE ITEMS

	List	SALE
JD wide front axle New & fits tractors 2,510-4 320	$1,350	$1,000
Grapple fork for loader	800	400
Grapple fork for skid steer	400	200
Automatic markers for 7000 corn planter	700	350
Extra wheel w frame extension for 567 wheel rake	400	200
Quick-fill, fertilizer attachment for 7000 planter, 4 row & 6 row	928	450
Enclosure for utility tractor	400	200
60" manure fork w tine, fits 145 thru 158 loader	550	400
60" bucket	500	275
Top beater for 54 spreader	450	195
Top beater for 660 spreader	600	295
Canopy for old style utility tractor	175	85
Complete drawbar for 12' harrow	150	50
3 pt hitch for 12' harrow	300	150
Cushion for 115 disc	685	490
New row crop fenders		Reduced price

JOHN DEERE

AUKER-ENA EQUIPMENT, INC.
Oakland Mills, PA 17067
717-463-3511 436-2235

Sweigard Brothers

RD #3
Halifax, PA 17032
717-896-3414

FORD TRACTORS
New TW 20 w/cab, 4wd, air
New 7700 w/cab, air
New 6600
1300 w/front wheel drive

NEW HOLLAND
New TR70 Combine w/ cab, air, heater, w/ cat. engine and lots of extras
13' flotation header and cutter bar, w/hume reel
962 N4 corn head
Used 13' NH grain head w/hume reel
New NH harvesters - 707, 718, 782
New NH 892 w/metal detector
New L35 gas, L55 diesel, L775 diesel skid loaders
Used 469 NH haybine
Used 479 NH haybine

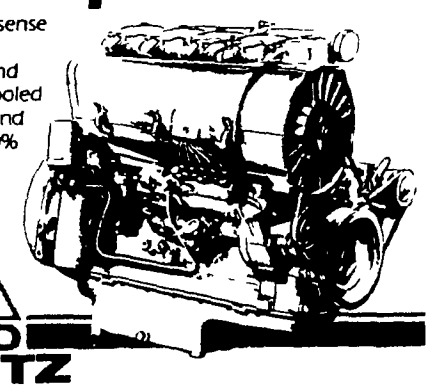
NEW IDEA
New 456 large round baler $7500
New 299 9'3" mow ditioner $4000
NI 404 and 406 rakes
NI 323 one row corn pickers

Used IH 550 harvester w/pickup head and 2 row corn head

AirDiesel

It can eliminate 40% of all your engine maintenance problems.

A Deutz AirDiesel is a true no-nonsense engine There are no troublesome components such as hoses, fans and radiators associated with liquid-cooled engines A Deutz is cooled by air and is engineered to save you up to 20% in fuel over other diesels
Over one million AirDiesels from 5 to 500 HP are working in all fields of application throughout the world



KHD DEUTZ

90% of all multi-cylinder air-cooled diesels in service today are Deutz

3 HP to 500 HP in Sizes From 1 Cyl. to V-12
Free Application Engineering.

Stauffer Diesel Inc.

PHONE 717-354-4181 NEW HOLLAND, PA 17557

FARM EQUIPMENT

TRACTOR & MOTOR REPAIRS

Over 20 years experience with Ford tractors and equipment.
Shop & Road Service
Pickup and Delivery

WALT STIVELY, JR.
Springville Road
Quarryville, RD3
Phone: 717-786-2252

USED FARM EQUIPMENT

- IH 21x7" soybean special drill w/double disc openers, dual rib press wheels w/depth control, John Blue pump, rear spray tips for herbicide spraying, $4,000
- IH 400 Cyclo 4x36" no-till planter w/liquid fertilizer tanks, John Blue pumps for fertilizer and herbicides, Gandy insecticide boxes, $2,000
- 2 FMC model 5 2 row sweet corn harvesters with a lot of spare parts
- 100' Badger 12" auger feeder w/heavy duty drive, $500.

F.O. Mitchell & Bro. Inc.
Perryman, MD 21130
301-272-3636 day
301-272-2620 night

FARM EQUIPMENT

Dismantling Combines for parts over 150 all makes and models. Call before you come.

IH 64, 76, 80, 82, 125, 127, 141, 101, 151, 91, 93, 203, 303, 403, 205 & 815. JD 12 A, 25, 30, 40, 45, 55, 95, 105. AC 60, 66, Gleaner A, C, CII or L. MF Clipper, 26, 27, 70, 80, 90, 72, 82, 92, 35, 300, 410 & 510. Oliver 33, 35, 40, 430, 525 & 545. Ford SP & pull. 701 NI Uni tractor, NI Uni - 705D (ear corn unit), combine & shellers, Case 800 & 660.

TRACTORS

Farmall H
Distmantling AC D17 gas, wide front end & power steering
V-6 Detroit Diesel 478 motor, $1500
AC B w/plows and 1 rw. cultivator
Ford 901 PS/3 pt. new tires
IH 560 Diesel
NI #19 PTO spreader
JD #N PTO spreader
NH PTO spreader
Wide front end to fit MF 85.
IH 5 btm. plow
IH 1300 3 pt. balanced head mower
JD #76 tank spreader
NH wagon w/220 gravity box
IH 560 gas tractor motor, same as 403 combine
2-15x38 tires mtd. on rims, 90% tread
IH 400 and newer, JD 60 and newer
IH 60 4x14 trip trailer plow
V type snow plow
6 tricycle tractors
MF Rotobar rake $725
IH Rotobar rake $425
IH rake $225
3-trailer type chisel plows

DISMANTLING TRACTORS FOR PARTS
Harvesters and Corn Heads for Parts

JD 2010, 70D, 4010, IH F 14, A, B, C, H, M, 300, 350, 460, 460 Ut., Supers C, H. & M. JD A, B, 50 & 60. AC WD, WC, D17. Oliver 70 & 77. Ford 8N. Case SC & V.A.C., DC. Massey 44D, MF 85D, IH 400, MTA, 240, F20, WD D2 Cat crawler. JD 70 G, Oliver crawler, 2 Oliver crawler loaders.
Dismantling 50 pickers for parts

KEITER'S FARM MACHINERY
R.D. #1 Halifax, PA 17032 Rt. 225 20 mi. from Hbg.
Phone: 717-362-9574

FARM EQUIPMENT

USED SKID LOADERS
Bobcat 371, 600
Case 1737
Cehl 4400 Diesel

USED TRACTORS
AC 7000
MF 285, 2705
Ford NAA
IH model M
JD 50, 3010, 4020

New AC & MF tractors & equipment available with low financing or waiver programs. Check for complete details.

THIS WEEKS TRACTOR SPECIAL
MF 2675 tractor 100 h.p.

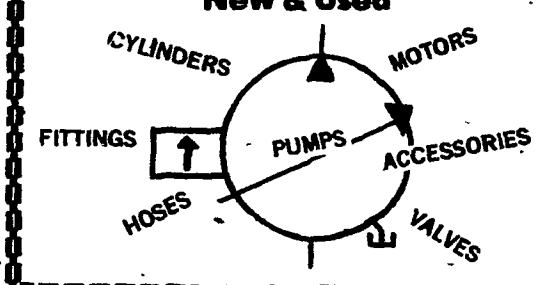
List	$39,870.00
Sell	32,500.00
Less Rebate	6,000.00
Your cost	$26,500.00

PARTS SPECIAL $69.95 while stock lasts
- Tractor Heat Housers -
Custom fit & universal fit models in stock.
Also tops & back enclosures available.

Peterman Farm Equipment
717-249-5338 or 249-2150
Farm & Lawn Equipment - Chain Saws
225 York Road
Carlisle, PA 17013

FARM EQUIPMENT

HYDRAULICS
New & Used



Wholesale and Retail
SALES - SERVICE - INSTALLATIONS

QUALITY AIR TOOLS
At Affordable Prices
- 3/8" Drill, 3/8" Impact, Sanders, Grinders...$59.00 ea. (Less 10%)
- ½" Drill 500 RPM, Screw Gun, 3/8" Rev. Drill..$119.00 ea. (Less 10%)

Chisels - Clippers - Rachets - Air Motors - Air Compressors - Tanks - FRL's, etc.

10% OFF OF EVERYTHING* FROM DECEMBER 10-31
* Does not include installations

Beiler Hydra-Matics
Hydraulic & Air Supplies
Box 587 RD #3 New Holland, Pa.
UPS Service (717-656-2846)

USED TRACTORS

(2) JD 2840	Allis Chalmers "B" w/Blade
JD 2940	International B-275
JD 2020 Gas w/Loader	Ford 9N
JD 4010 Diesel	
JD 4430 Diesel	

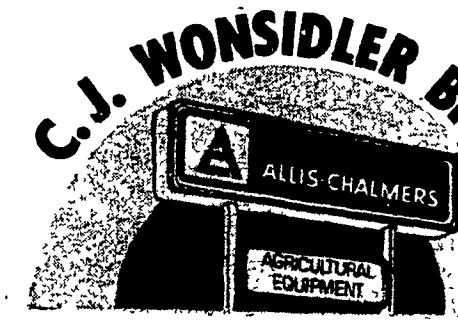
USED EQUIPMENT

JD 6620 Sidehill Combine	Hesston 1502 Tank Spreader
JD 4400 Combine w/cornhead	Gehl Grinder Mixer
JD 336 Baler w/Ejector	Tye No-Till Drill, 10 Ft., Like New
JD 24T Baler	JD 6-Bottom Plow, 16"
JD 4420 Combine with Heads	NI 319 2-Row Cornpicker
	Used Snowmobiles

SHOTZBERGER'S EQUIPMENT
Elm, Pa.
Phone: 717-665-2141

C.J. WONSIDLER BROS.

AVCO NEW IDEA



SPERRY NEW HOLLAND

BRANCH
Rts. 309 & 100
New Tripoli, PA
(215) 767-7611
Mon.-Fri. 7:30 A.M. - 5:00 P.M.
Sat. 7:30 A.M. - 12:30 P.M.

★ 3 LOCATIONS ★
Trumbauersville to Finland Rd., Quakertown, PA
(215) 536-1935 or 536-7523
Mon.-Fri. 7:30 A.M. - 9:00 P.M.
Sat. 7:30 A.M. - 4:00 P.M.

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Lobachsville, Oley, PA
(215) 987-6221 or 987-6257
Mon.-Fri. 7:30 A.M. - 5:00 P.M.
Sat. 7:30 A.M. - 12:30 P.M.

May the New Year bring good health and prosperity to your family from all of us!

TIS THE SEASON TO BE BUYING FA LA LA LA...

TRACTORS

JD 4020 D
JD 3020 D
JD 2010 G
JD 60 w/237 2-row picker
JD 60
Farmall 656 D
Farmall 560 D
Farmall 400
Farmall 460 D
Farmall H
MF 1105D w/cab
MF 1100 D
MF 180 D w/loader
MF 180 D
MF 165 D
MF 50 D
MF 50
MF 30 w/loader
White 2-50 D
Oliver 550
Oliver 55 D
Ford 800
Ford 8N
MM G1000 D
Case 630 w/loader
Case 300
AC 7040 PS, w/cab
AC 7020 PS, w/cab
AC 7000 D w/cab
AC 190XT D w/cab
AC 185 D
AC 175 D
AC 5040 D
AC D19
AC WD45
AC WD

MANURE SPREADERS

NH 676, 285 BU.
NH 175 BU.
NI 218, 325 BU.
NI 214, 206 BU.
(2) NI 213, 176 BU.
Badger 180 BU.
Weaverline 224 Electric Feed Cart, 30 Bu.
Weaverline 223 Electric Feed Cart, 24 BU.
Moridge 400 Grain Dryer, PTO, A-1
NH 354 Mixer-Grinder, EXCEL.

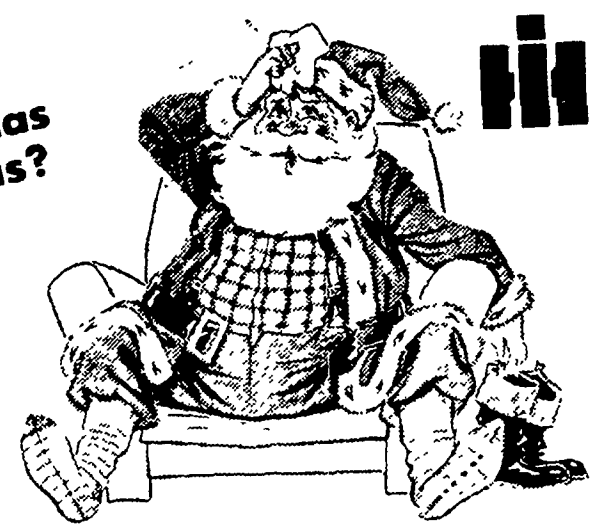
COMBINES

JD 8820 w/950 hrs., cab, air & heat, 15' floating grain, 830 corn heads, like NEW!
JD 55 Super w/cab, 12' grain & 330 corn heads
JD 55 w/12' grain & 338 corn heads
JD 45 w/both heads
JD 45 w/grain head
NH 975 w/11' grain & 238 corn heads
MF 300 w/11' grain & 238 corn heads
MF 82 w/grain & corn heads
NI Uni-System 702 w/717 combine, 4-row corn head
NI 767 Chopper w/702 2-Row Corn Head & 761 Pick Up Head
Gleaner N5 w/15' floating grain & 630 corn heads.
Gleaner L2 w/15' grain & 630 corn heads.
Gleaner MKS w/13' grain & 630 corn heads.
Gleaner F2 w/15' Grain & 4 row corn heads
Gleaner CII w/13' grain & 438 corn heads
Gleaner AII w/cab & both heads
Gleaner AII w/12' grain head
(3) Gleaner E w/cab & both heads

"END OF THE YEAR SPECIALS"

	List	CASH
NH 0D200 Disc-10' w/26" Blades	$11,500.00	$8,550.00
NH 0D200 Disc-12' w/26' Blades	$12,500.00	$9,550.00
Meyers Snow Plows - 84" to 120"		

After Christmas Specials?



Hen Says...
"WE HAVE THEM!"

See "Hen" Now At

ERB & HENRY EQUIP. INC.
New Berlinville, PA 1 Mile N. of Boyertown
Phone (215) 367-2169

FARM EQUIPMENT

GREETINGS

Our Warmest Wishes For A Very Merry Christmas and A Happy New Year! Thanks For Your Patronage Throughout The Year!

WALTER G. COALE, INC.

2849-53 Churchville Rd.
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Sales & Service On:
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FARM EQUIPMENT

VAN DALE

- **Van Dale Products**
  - All New Magna-Trac Ring Drive
  - Silo Unloaders 10' - 30' New & Rebuilt
  - Bunk Feeders - Belt, Auger and Shaker
  - Conveyors - Auger & Single Chain
- **T.M.R. Van Dale Mixer-Feeders - 4 Auger**
  - Truck Mounts
  - Trailer Mounts
  - Stationary Units
  - 40 Cows to 400 Cows
- **Liquid Manure Spreaders**
  - 1500 Gal. to 4500 Gal
  - Soil Injectors
- **Liquid Manure Pumps**
  - Agitator-Filler
  - Centrifugal
  - Lagoon
- **Uebler Electric Forage & Grain Carts**
- **Uebler 810 Gas Cart**
- **Uebler TMR Forage Carts**
- **Red Top Stainless Steel Trough Cattle Waterers**
- **Sollenberger Poured Concrete Silos Top or Bottom Unloading**
- **Lancaster Stave Silos**
- **Double Chain Wood Conveyors w/Slip Clutch & ¾" Bottom**
- **Taper Board Feeders & Belt Feeders**
- **Circle Feed Supplement Bins**
- **Hodlund Vaughan Chopper Pumps**
- **Leasing Available**

Sales & Service

K & S INC.

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PH. 717-284-3111

FARM EQUIPMENT

USED EQUIPMENT

IHC #55 3 pt. hitch chisel plow w/13' base frame w/11 teeth
Farmall 1066 Tractor w/red cab
JD 4430 Tractor cab & air
Case 1370 Tractor w/cab and air
IHC 856 & 1456 Tractors w/2 PTO's
(3) NI 705 Diesel Uni Tractors
IH 2400 B Utility Tractor w/2250 Mount-O-Matic Loader

RAYMOND B. LEAMAN
Willow Street RD 1
Ph: Lancaster 717-464-2778
Midway between Lancaster & Quarryville off Rt. 222 take Brenneman Road at Graybill Bros Garage, Refton.

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TERRE HILL SILO CO. INC.

Terre Hill, PA 17581
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53 Yrs. Sales Serv

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Bottom Unloading

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NEWVILLE PENNA 17241

PHONE: (717) 776-3129

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New and Used Silos
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Gunite silo relining and repairs
Oxygen limiting silos
Manure storage
Jamesway Barn equipment and a full line of silo accessories

GUNITE Silo Relining & Repairs

Extensive tests have been conducted on Gunite Below are some of the properties of Gunite:

1. Excellent bonding
2. High Density
3. Extreme strength and hardness
4. High resistance to *absorption*

The excellent physical properties of the material are due to the water content being only the amount needed to satisfy chemical hydration.

Reseal and re-strengthen your silo with Gunite.

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DRINK MORE MILK

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New Behlen corn crib, never erected, $650 or best offer or trade for Herefords. 717-395-3364 Bradford Co.

One 100' elevator leg, 2500 bu. per hour capacity, 10 HP, 3 phase, electric motor w/Poly belt, $3,000 or best offer. 302-875-3113

For Sale - 500 bu. oats, no mold. Call 717-432-4231 York Co.

Clay meter meal, 5 HP motor, 5 compartments, good cond., cheap, small 3 pen calf huts, $100, 717-733-0575

FOR SALE
Two continuous grain dryers
Tox-o-wik and MC
Ready to use
814-443-2193

GRAIN EQUIPMENT

- * Grain Bins, 1800 bu. cap. As Low As. $1551
- * Feed Bins 3.6 tons As Low As. . . . $525
- * Wet Bins up to 4900 bu. capacity
- * Continuous Flow Dryers
- * Automatic Batch Dryers
- * In-Bin Drying Systems

} new or used

- * Fans: Vane Axel or Centrifugal for Aeration or Drying
- * Legg Elevators, Farm or Commercial
- * Augers, Cleaners, Accessories

Rolfes Hot Spot Temperature Detection System for monitoring temperature and stored grain, designed for any bin size.

New Polyglass Sprayer and Storage Tanks 450 gal. to 5600 gal. Sizes Now Priced Lower than Spring

THOMAS BACHMAN & SONS

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GRAIN DRYERS

NEW & USED
BINS — ELEVATORS — AUGERS
TURNKEY AUTOMATED SYSTEMS
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JOHN HEFTY SYSTEMS
WATSONTOWN, PA.

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HARVESTORE® OWNERS

YOU NOW HAVE A CHOICE!

Save on your unloader replacement parts.
We handle cutter chains, conveyor chains, sprockets, bags and rebuilt unloaders.
These top quality parts will last as long or longer than originals.
We guarantee it!!
We will install or deliver parts to your farm.
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WE CAN REBUILD YOUR UNLOADER
Also Available Used Structures
GIVE US A CALL AT
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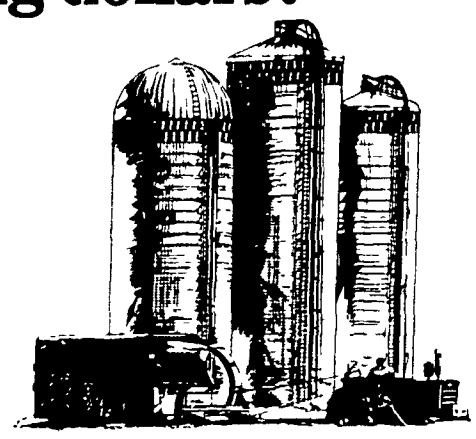
MADISON® SILOS

...plan now and buy for 1983 and save big dollars!

Early order discounts are on.

Here's an unbeatable deal on Madison "System of Choice" structures. Madison® silo for corn silage, Madison Nutri-Matic® for medium-moisture haylage and Madison Grain-O-Matic® for high moisture grain. Buy between November 1 & December 31, 1982 for your 1983 needs and save hundreds to thousands of dollars. All we ask is that you let us deliver your new Madison structure at our convenience during the fall or winter.



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MORE FOR YOUR MONEY IS STILL POSSIBLE FROM

MADISON SILO CO. OF PENNSYLVANIA
1070 Steinmetz Rd. Ephrata, Pa. 17522 Phone 717-733-1206

S & S SILO REPAIR

WE DO

* Most Any Kind of Stave Silo Work
* Move Silos * Replastering
* New & Used Extensions
* New & Used Roofs & Chutes
* Unloaders
* Wooden Calf Hutches
* Fiberglas Feed & Silage Carts
* Install Silage Distributors & Fill Pipes
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SHOT CRETE RELINING
Seal & Strengthen Your Silo
With Shot Crete Relining
5 Year Guarantee
on this reliner

All Silo Work Done From The End Of October Until The End of June
Will Be Done At A Reduced Cost.
We Cover A Wide Area
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LANCASTER SILO CO., INC.

2008 HORSESHOE ROAD
Lancaster, Pa. 17601

CONCRETE STAVE FARM SILOS
- TAPER BOARD FEEDERS -
- BELT FEEDERS - CONVEYORS -
- SILAGE & FEED CARTS -
- ROUND HAY FEEDERS -

SUPREME & VAN DALE UNLOADERS
AUTOMATIC ROLLER MILLS
RITCHIE CATTLE & HOG WATERERS

USED EQUIPMENT:

1 - 16" Silo matic Unloader Basic Unit . $1000.00
1 - 25' Zook Liquid Elevator..... $1200.00
1 - New Idea Single Row Snapper Picker..... $3000.00
1 - Rotary Scythe w/P.T.O..... $1000.00
1 - 12' Starline Unloader..... $1600.00
1 - #200 Roller Mill w/Motor $895.00

USED & REBUILT 3-PHASE MOTORS
ALL SIZES - VERY REASONABLE.

WILL TRADE OR BUY USED SILOS.
ALL TYPE SILO REPAIR WORK
Rebuilt Silo Unloaders Sales - Parts - Service
Call: 717-299-3721 Wayne or Larry

SILOS & UNLOADERS

For Sale Patz feeder. 717-768-3052

Harvestore hay silo, 25x80 w/Best unloader. 2 calf house, one 24 stall climate control Agstar, one 34 stall climate control 5 years old. 717-244-0711

Starline model 70 18' silo unloader complete with 5 HP single phase motor, used only one season, excellent, $1,600. 215-756-6622

DAIRY EQUIPMENT

3 Surge bucket milkers, electric pulsators, $20 ea. 717-665-3860

BUILDINGS & SUPPLIES

CYPRESS LUMBER for sale, A & A Mushroom Supply Co., Rt. 7, Avondale, Pa. 215-268-3128.

55' steel roof trusses for sale. Also 2x6 tongue and goove planks. 3x8's 15' long, 2x12's, 18' long and 3x12's 18' long. 717-394-6335

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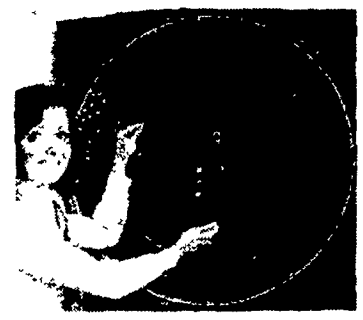

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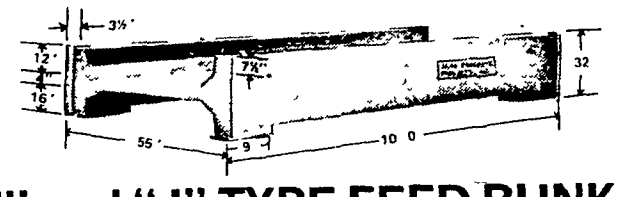

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SWINE

If you have swine to sell or buy - check our swine column. It is read weekly by thousands. 717-394-3047 or 717-626-1164.

Primarily large white and Landrace cross gilts for sale out of a highly productive unit. Write to Melvin K. Fisher, 25 Quarry Rd., Paradise, PA 17562. Lancaster Co.

35 Yorkshire & Hampshire Large bred gilts; Yorkshire and Hampshire service age boars ready for heavy service, 60 open gilts ready to breed, also 50 crossbred F1 open gilts, all of high quality. Delivery available. John Strawbridge 301-996-2022

Yorkshire boars, breeding age, grouped lots. Millers Yorkshire Farms, R.D. 1, Box 1366, Spring Grove, PA 17362. Call 717-225-1926.

For Sale - Hampshire and Berkshire boars, service age. Terry Bennecoff, 215-285-6582.

For Sale - Spotted bred gilts, Chester White, Spotted boars and open gilts. Delivery available. James Parlett, Airville, PA 717-862-3610

For Sale - One Registered Spotted boar. Whiskey Run Farm 717-264-4320

Duroc, Yorkshire and Spotted F-1 bred gilts for sale. Due Dec., Jan. and Feb. Also boars and open gilts. Same breeding as Top Pen of Yorkshires over all breeds as at Penn State 1982 and Top Pen Full American blood Durocs over all breeds '81 tests. All boars gaining over 2 lbs a day. Also feeder pigs at times. Brucellosis free herd 26, and Pseudorabies free 18. Calvin H. Lazarus and Sons, 4290 Bridge Street, Whitehall PA 18052, 215-799-3375 or 3831

Yorkshire boars and open gilts. Pseudorabies and Brucellosis free herd. Will deliver. Red Run Farm, Joel Stern R2 East Berlin, Pa. 17316 York County 717-292-4634

For Sale - Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines, Willow Glen Farm, R1, Box 221 Strasburg, Pa. 17579. 717-786-2562

Registered Hampshire, Yorkshire, Landrace Boars, Bred and open Gilts, also Rams, Ewes. Preston Bankert. 717-244-1244

SWINE

DUROC BOARS and gilts, production tested, certified meat type show winning stock. Bloodlines of the best in the U.S. Par-Kay Farm, Park F. Thomas, Beavertown, Pa. Phone 717-658-6544.

For Sale - Duroc boars & gilts. Sweigard Durocs, R.D. 3, Box 639, Halifax, Pa 717-896-3365.

TOP QUALITY FEEDER PIGS FOR SALE
REFERENCES FURNISHED
Call Collect
Fred Patterson
MIDDLE TENNESSEE LIVESTOCK CO.
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Isaacs "PROFIT BUILDERS"
Purebred & Crossbred Hogs
Yorkshire, Hampshire, Duroc

We believe in progress through performance testing in our own boar test station.

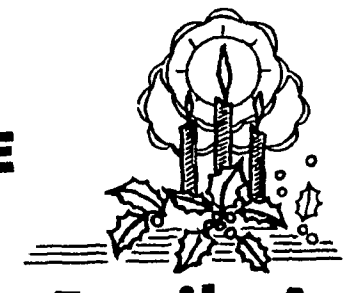
Boars & Gilts For Sale Monthly

Boar No.	Breed	Days to 230	No. Weaned
2-10	York-Hamp	163	11
90-8	York-Hamp	173	8
3-5	York	175	11
4-4	Hamp	169	10
1-4	York	158	9
1-6	York	167	9
2-4	York	169	10
3-1	York	166	11
5-4	Hamp	175	7
2-4	Hamp	177	10
3-8	Hamp	184	12
3-11	York-Hamp	162	11
1-5	York	173	9
86-5	York-Hamp	174	8
3-1	York	169	11

Brucellosis & Pseudorabies Free
Swine Dysentary and
Turbinate Atrophy free
Free Delivery of 4 boars or 15 gilts
Guaranteed Breeders
References Available

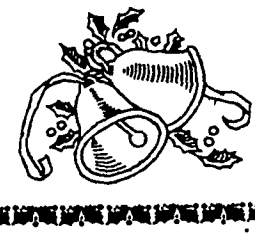
NICK ISAACS
RD 2 Box 55C, Townsend, DE 19734
302-378-8432

EAST COAST HOG SERVICE Wishes You and Your Family A Merry Christmas



Sales or Leasing of Hybrid Breeding Stock
717-626-6566

CHRISTMAS THOUGHTS:
It is Christ in the heart that puts Christmas in the air.



Presents under the Christmas tree are of less importance than the presence of Christ in the home.

ARTIFICIAL BREEDING

SEMEN - This Week's Special - CHAIRMEN $37; COLUMBUS $27; BELL $33; TRADITION $54; Pete, $110; Valiant, $83; many others available. SPECIAL SIRES, Box 196, Brownstown, Pa. 17508 717-656-4226 Specializing in top TPI Sires and Quantity Discounts.

Semen For Sale - 5 units Cavalier at $25, 10 units Creek at $10, 10 units Jet Stream at $20, 18 units Trump at $4.00, 215-847-2619, Bucks Co.

HOG EQUIPMENT & SUPPLIES

For Sale - All farrowing and nursery equipment from a 21 crate facility including: heaters, partitions, waterers, woven wire, feeders, crates, etc. 717-397-9921

HOG EQUIPMENT & SUPPLIES

Concrete hog slats. VT Petersheim Box 315 Rt. 2, Mifflintown, PA 17059

For Sale - 1979 12' 40' hog castle (Ag-Best). Excell. shape, self-contained pit, all equipment in new shape, les crates. 215-488-7512

DUROC & SPOTTED BOARS
Duroc, Spot,
Crossbred Gilts
(Delivery available)
BOURBON SPRINGS FARM
R2, Newville, Pa 17241
Kenneth Ketterer
Phone. 717-423-6250

SPECIALIZING IN UP-TO-DATE DESIGN & QUALITY CONSTRUCTION OF HOG CONFINEMENT SYSTEMS.
We also manufacture Confinement Equipment and handle a full line of products for today's swine industry, including automated ventilation, feed handling and manure handling systems.

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PORTABLE HOG SHELTERS
Model 70 and 40
(Holds 70 & 40 Hogs, Respectively)
- Nebraska style slant roof
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- Gravity Boxes
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- Custom Built Trailers
- Generator Trailers

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HOG EQUIPMENT & SUPPLIES

For Sale - Pride of the Farm Hog Feeders. 6 hole line fence feeder w/cast iron bottom. Rebuilt better than new $200. 717-733-2310

POULTRY & SUPPLIES

BABY CHICKS - Hubbard Leghorns, Golden Comets, Cornish Giants, Barred Rock, Reds and other breeds. Also turkeys, ducks, geese, guineas, and game birds. CASE HATCHERY, 79L Brodbecks, Pa. 17329, 717-235-2050

Farmer Automatic 4 deck cage systems, for pullets & layers. No pits needed in building. Reynolds & Yellott, 12800 Gores Mill Rd., Reisterstown, MD 21136. 301-833-1840

2500 DeKalb XL pullets, 20 week date 12/16/82, cage grown. Call 215-723-9578

Guineas, live, dressed keets; dog houses; fish worms. 717-687-8041

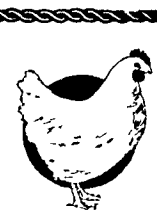
Berks Co. Poultry Farm For Sale - 20 to 50 acres available. 35,000 bird layer house on contract, excellent condition. 2 bedroom mobile home or will sell entire 60 acre farm. 215-562-7776

Used Egomatic 20 egg grader with Kuhl washer, carton closer and round table, $1,500. Also, Plasson hanging waterers, $10 each and two Big Dutchman Troth feeders, $350 each. Phone 401-364-7712 Jordon Russo

Rare and beautiful silver and golden Phoenix Cockerals, pullets available now hatching eggs January on. Call 607-962-1403 eves. Write Happiness Hills, RD 3, Addison, NY 14801

Wanted - Good size brooder house, Buffalo wood or coal stove. Stephen L. Stoltzfus, R.D. 1, Box 62, Kirkwood PA 17536

Wanted
Double Yolk Eggs
Will pay premium price
Lancaster County
717-768-8607
or 768-8542
ESH EGGS



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HEAVY HENS
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Yank's
215-494-4578

Sell direct to us for cash.
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* Capons
* Rabbits
* Guineas
* Chuckers
* Turkeys
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* Goats
JACK MINTZ POULTRY
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FEED & SEED

Buyer of shelled or ear corn. John J. Hoober, Inc., Gordonville, Pa. Ph. 717-768-8481 or 768-3216.

Wanted - Ear corn, good quality only. Will pickup at your farm. Ken Miko, RD 3, Schuylkill Haven, Pa.717-739-4586.

For Sale - Oyster shells, Contact Nelson Weaver & Son, Inc., Lititz, PA 717-626-8538

Shelled corn for sale. 412-794-3863

Will buy moldy grain. 301-833-1847

Wood shavings, sawdust, kiln dried; bag or bulk, year round supply, excellent quality hay, straw and all horticultural products. Jerry Migli, Hobart, NY 607-538-9492

ProLasse 8%
All Natural Molasses Base Liquid Protein. Make sweet feed with any PTO mixer. Wholesale, retail from manufacturer, dealer inquiries invited. Call collect. 301-343-0343

Straw $55/ton in the barn, Hesston square bales. 215-255-5211.

For Sale - JD 237 multlube corn picker, excell. cond. 301-346-7514

For Sale - Bright, heavy oats at $7 cwt. Ear corn at $75 per ton. 2nd cut alfalfa and timothy, 1st and 2nd cut alfalfa and clover mixed, bright wheat and oat straw, corn cobs. Phones eves. 201-735-8389, 735-4408. Daytime 201-735-5374

Corn silage for sale. Can deliver to your farm in truck load lots or would be able to fill your entire silo. 717-872-4058

Quality alfalfa, mixed hay and straw, delivered anywhere, Martin Brothers, Olivet, Michigan, 517-543-1642

WHEAT STRAW WANTED. Heidel Hollow Farms 215-767-1408

Nice, bright wheat straw, Stump Acres, 717-792-3216, York Co.

Timothy/Clover mix. Good and medium grades delivered in seven ton loads. Reasonable. 301-398-5123

For Sale - Mixed second-cutting hay delivered in 7 ton loads. 717-776-7888

For Sale - Summer Grass Hay for mulch, bedding or feed, $1.00 bale. Call 717-642-5180

For Sale - Good quality square bales mixed hay, trailerloads or truckloads. Call 607-962-1403 eves. or early mornings. Located off Rt. 15 in New York.

For Sale - Feeding hay, timothy, alfalfa, alfalfa mix, clover mix, will deliver. 717-799-5306.

Approx. 250 lg. round bales of hay, best offer. 215-369-1211

Now Available - 609 Md. type 32 tobacco seed, 8831632 Germ. 92% $5 per ½ oz. pk.; Pennbel $4 per pk. Germ. 91% Pennlau $4 per pk. Germ. 92%; Pennjoy $4 per pk. Germ. 94%. Daniel S. Esh, Box 3746, Gordonville, Pa 17529.

Heavy Oats for sale - delivered in 600 bushel lots or more. 717-933-4687

For Sale - 20 acres high moisture corn, ear ground or shelled, 301-666-0079, before 8 a.m.

Baled corn stalks, $1 each. Alfalfa and orchard grass, $3 bale. Baltimore County, Parkton 301-357-8314

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ALFALFA, TIMOTHY & MIXED HAY & EAR CORN
Will pickup
JAMES G. KREIDER
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SELLING HIGH MOISTURE CORN
Will Deliver
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Receiving Daily
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Good Quality Only
Will pickup at your farm.
KENNETH MIKO
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Schuylkill Haven, Pa.
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Picked up at your farm or delivered to Manheim.
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Peanut Hulls,
Sawdust & Shavings
Hay & Straw
Bulk - Bagged - Bales
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Prompt and Courteous Service
Delivery available to all areas
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3,000 tons available at low prices
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Cured Shawings & Sawdust Mixture for Broiler & Turkey Houses & Horse Barns.
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and
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Large Round Bales; Excellent Quality
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- We Also have Excellent Quality haylage Available Now, Testing High In Protein and Energy w/Excellent Palatability $35/Ton Loaded.
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Fast Unloading and Loading
340,000 Bushel Storage Capacity
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FEED & SEED

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Ear Corn & Shelled Corn
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Elizabethtown, Pa.
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MULCH HAY
We need your hay.
Prompt Payment
Good Feeding Hay
We haul or you can haul
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For Sale
Delivered in trailer or straight truck lots. Covering MD, DE, NJ and PA.
Test analysis show analysis up to 33-69-32.
"Better Than Fertilizer"
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USE POULTRY MANURE AND SAVE FERTILIZER DOLLARS
- Fertilize before small grain seeding
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- Add organic matter to soil.
- Inexpensive source of nitrogen.

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sawdust, kiln dried, bag or bulk, year round supply, excellent quality hay straw and all horticultural products. Jerry Migli
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Dry - Fresh Cut - Cured
SHAVINGS
Bulk Loads
SAWDUST AND SHAVINGS MIXED
Discount given for Quantity
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For Sale - Chicken manure, will deliver, 215-273-3097

Dry fertilizer attachments for Holland transplanter $525 for both, new cond., 717-587-4839

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Delivered within 100 mile radius of Harrisburg, in 15 ton loads.
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100% thru 100 mesh 45% CaO, 80% CaCO3 3% Potash, USDA tested and proven. ENP=80. Only $4.00 per ton F.O.B. Bangor, Penna.

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Granulated, dust Free 54% CaO; 96% CaCO; university tested and proven. $10.00 per ton F.O. B. Baltimore or New Jersey.
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1000 bu. load @ $80 per load
Poultry Manure Also Available
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J.C. Ehrlich Co., Inc. Termite, Pest, Rodent and Smoke control. Lawn and shrubbery spraying. Free estimates. 1278 Loop Road, Lancaster, Pa. Phone 717-397-3722.

Grain Storage: Erection, sales and service, Call 717-933-5358.

Oatman Septic Pumping Service. White Oak Rd. Smyrna, Lancaster Co., PA 17509. 215-593-6240. 215-857-9612

Soybean roasting on your farm. Dale L. Schnupp. RD 6 Lebanon, PA 17042. 717-865-6611

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General Hauling - Equipment, Hay, Straw & Grain Ivan S. Zook, RD 1, Gap, PA 17527. 717-768-3052

Farm and home construction. All types of buildings, masonry, concrete repair work. Will travel. Free estimates. I.S. King Co. 717-284-2665

SERVICES OFFERED

Carpentry and Masonry work on pole, frame and block buildings. Write Aaron K. Smucker, Strasburg RD #1, Box 188, 17579, 717-786-2528

Wanted - Holstein heifers to feed in my barn, for more info., Lanc. Co. Elizabethtown 717-367-3111.

30' flatbed trailer, 9 ton limit, reasonable rates. 215-369-1211

Interior painting, $5.75 per hr. Less if you provide transportation. Christian Fisher, 286A Bartville Rd., RD 1, Christianan, PA 17509

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Experienced farmer will do your milking. 1-215-593-6073

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HELP WANTED

GOVERNMENT JOBS Immediate openings overseas and domestic 20,000 to 50,000 plus a year call 312-920-9675 extension 1370A

Married farmhand, experienced with dairy and equipment required. Housing provided, 814-267-3724 eves.

Beef raising farmer needs cook, also some help with farm chores. Must be over 18 yrs. Write Box 366 J-255, c/o Lancaster farming, Lititz, PA 17543

$106.80 DAILY EARNINGS working three hours a day at home. Your earnings fully guaranteed in writing. For complete details and application, please send a stamped, self-addressed envelope to LT P.O. Box 750, Scranton, Pa. 18503

Live-in position on dairy goat farm. House, salary and medical insurance. Near Quakertown. 215-679-8970

Dependable, reliable, settled person to live-in w/elderly lady. Room, board and good wages, York Co. Send replies to Lancaster Farming, P.O. Box 366 R-35, Lititz, PA 17543

Married couple to milk and care for approx. 30 head dairy herd. House available. Excellent salary. For info. call 301-875-2006 after 7 p.m.

Experienced jugging plant operator in Maryland's Eastern Shore. Good salary depending on experience. Opportunity to invest in operation available. Call 301-957-1399

Wanted - Experienced person to work on dairy farm, must know how to milk and have driver's license. Can furnish room and board for single person. Peila Brothers, 364 Bidweol Street, Manchester Connecticut, 203-643-7405

Experienced dairy farm hand needed. Housing provided. Call before 6 p.m. 215-253-2722

Married person to work on steer and crop farm. Must have experience operating modern farm equipment and be able to repair and maintain machinery. Modern house and benefits. References required. 215-869-2527. Chester Co.

Mature married person to work on Holstein dairy farm. Must have knowledge of milking and operating machinery. Large 3 bedroom house available with free gas heat. Blue Cross/Blue Shield provided. 412-286-9049

Housekeeper. Full-time. Non-smoker and non-drinker. Live-in housekeeper. Permanent home to right person. Practical nurse experience helpful but not necessary. Room, board, benefits and salary. Send references to Lancaster Farming, P.O. Box 366 J-256, Lititz, PA 17543

1500 acre farm-Wayne Co. Married farmhand, experience with beef, dairy and farm equipment. House and nice benefits provided. Send resume to Mike Krajsa, Hotel Traylor, 15th & Hamilton, Allentown, PA 18102

CUSTOM WORK

Concrete manure tanks above and below ground. Will design and build to fit your needs and condition. D.E. Stoltzfus Construction Company Fleetwood, PA 215-944-0404

CUSTOM WORK

We custom build double chain wooden feed conveyors and tapered board feeders. We welcome dealer inquiries. Samuel K. Stoltzfus, 550 Beechdale Road, Bird-in-Hand, Pa. 17505

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Large Steel Building Manufacturer

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BUSINESS OPPORTUNITIES

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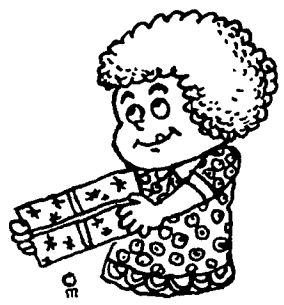
Person with 10 years background in agricultural sales available. Experience in territory and sales management with several companies - which also included; setting up dealer networks. My current employer knows I am running this ad. Write to Lancaster Farming, P.O. Box 366 R-37, Lititz, PA 17543.

SITUATIONS WANTED



Young dairyman seeking herdsman position or opportunity to take over a herd in Lancaster Co. or surrounding Co. 717-285-5686

Experienced young man seeks full-time dairy employment. Call 215-265-2133 eves.

Experienced family man desires milking and field work on dairy farm. Have 2 cows and 21 heifers to put with herd. Would like to increase my herd while working for you. Phone 717-264-7145 anytime.

Wanted - wooden coal combination stove, must be in good cond., 717-786-2839

AUTOMOBILES

Suzuki, 1980 GS450T, maroon metal flake paint w/pin stripes, polyglycoat, star wheels, 6 speeds w/LED gear position indicator, storage compartment under seat. Many extras. Before considering spending $1000 more for 1982 bike, check this one out. Perfect condition, garage-kept, never intentionally rode in rain, sharp looking. $1300 negotiable. Call 717-285-3051 or 397-2093

Black V.W. S.W. Dasher 1975, good condition needs minor body repair. $1200. 814-623-2425

1979 Impala, 4 door, 4-8, ps, pb, air, good cond., 38,000 miles, $4195. 1980 Impala 4 door, V-8, ps, pb, air, $4495. 1981 Buick Century 4 door, V-6, auto., ps, air, $5395, dealer 717-733-0690

'78 Lincoln Continental Mark V, 38,000 mi., like new. 814-793-2339

TRUCKS & TRAILERS

'73 Int. 1800 Loadstar, 21' flatbed, 2 speed rear, PS, rebuilt engine, excellent shape, $3,650. 201-637-6004. Evenings 201-852-9319

14' Midwest grain body w/10 ton double cylinder hoist. $1000. 215-679-9010

Diamond T truck, new paint, new Cummins 205, 600 bu. capacity, reasonable. 201-788-5689

For Sale - 10' wood livestock body; 12' wood livestock body; 16' wood livestock body; 20' wood livestock body; 21' wood livestock body. New 1983 Eby 20' goooseneck trailer. M. H. Eby, Inc., Blue Ball 717-354-4971.

1974 Ford F100, ½ ton pick-up with load extender springs, custom deluxe, great condition, 2-tone paint, deluxe interior, air conditioning, power steering and power brakes, no rust, radial tires; $2500 negotiable; (717) 397-2093, 285-3051 or 301-666-8477

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1977 IH 1800, 404 V-8 engine, 10. 20 tires, long wheel base, 28,000 GVW. 301-877-9889

1966 White 9000, 48,000 GVW, $5500. 18' tilt bed tandem axle with powr divider, 250 Cummins, 10 spd. Road Ranger, newly inspected. Phone 717-768-3223

1974 GMC 350 4-speed, 17,500 GVW, w/12' Johnson van body, w/Copeland cold storage unit, $1500. Also, 350 truck motor, runs good, $200. 215-286-5311

16' All aluminum grain body, two way tailgate, removable sides, 8 months old. 215-285-6264

Need cash now! Six trailers, $975 each! 26' livestock gooseneck, 35' drop deck flatbed w/Beaver tail, 35' Fruehauf flatbed, 25' Trailmobile flatbed, 40' Fruehauf livestock, 40' Wilson pot (roof leaks). Also 40' aluminum stock trailer, $2,500. '69 White twin screw truck tractor, recent overhaul, $4,900. 1976 Chevy crew cab dually, $4,200. 1975 IH pickup, $475. 717-334-7724

For Sale - Bulk feed truck, '71 IH 1890 w/14' dump van, air brakes, excell., rubber. 33,000 GVW. Phone 717-784-4285 day or 717-784-6359 evenings.

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1982 TriStar tri-axle trailer, 30' bed, 12.00x16 tires, with equipment ramps, $7200 or best offer, must sell. 215-369-1211

1979 International 16 ft. grain tight bed with heavy duty dump 4500 mi., like new and camper top 8 ft. for pickup. 717-359-5953

1928 Model A Ford delivery truck, in good non-restored cond., original engine, runs good, asking $4000. 717-786-2043

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'74 IH cabover sleeper, 318 Detroit, twinscrew, low mileage, 10:20 radial tires, sliding 5th wheel, PS, $9,500. 215-286-9510

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For Sale - '69 Ford feed and grain truck w/18' Hewey aluminum body and regular use. Cross auger and blower system, 25,000 miles on new gas engine, 48,000 GVW, has pusher axle. Excellent body, good chassis and blower system. $12,000. 717-653-5936. 717-653-1826

TRUCKS & TRAILERS

Army truck, GMC, all wheel drive, auto. transmission, 9:00, 20 tires, tandem axle, $2800. 609-769-3183.

'71 Brockway tri-axle dump, $13,500, real good cond. '75 Ford cattle truck, hauls 12 cows, $5,000, Grove self-unloading wagon $550, 717-432-2883, between 5 and 6 p.m.

TRUCKS & TRAILERS

1978 Chevy C-10, V-8, auto., ps, new paint, new inspection, runs good, $2495. 1974 Dodge Maxi-Van, 318 V-8, auto., ps, $1295, dealer, 717-733-0690

1981 Ford pick-up, 6 cyl., straight shift, extra good cond., 717-786-2839

1973 Int. 1700 w/20' hay body and 4' over/cab, new engine, excellent cond. $4,000. 301-795-9631

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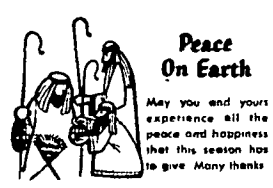
***1979 W 154x4 Club Cab**
***1973 Pick-up, 6 cyl., 60,000 mile**
***1972 Volvo, 4 speed,**
***1976 VW Rabbit**



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1978 GMC Shortbed, 6 Cyl., Auto., PS, PB, AM-FM, Air Cond., Cap, 1 Owner Truck, 33,000 Miles..... $4995
1977 Chevy C10 Silverado, 350 V8, Auto., PS, PB, Power Windows & Locks, Cruise Control, Tilt Wheel, AM-FM, Dual Tanks, Sliding Rear Window, 2 Tone Paint..... $4995
1976 Ford F100 w/Ford Fiberglass Cap, 360 V8, 3 Spd., PS, AM Radio..... $3495
1976 Dodge D200, 360 V8, 4 Spd., PS, PB, Only 38,000 Mi..... $3495

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1973 Chevy Suburban, ¾ Ton, 350 V8, Auto., PS, PB, AM-FM..... $1995

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1981 Ford E100 Econoline, 6 Cyl., Auto., PS, PB, AM Radio, Dual Tanks $6895
1979 Ford E250 12 Pass., 351 V8, Auto., PS, PB, AM Radio, 37,000 Miles $7495
1979 Dodge B200 Panel Van, 318 V8, Auto, PS, PB, AM Radio..... $5495
1979 Ford E150 Econoline, 351 V8, 3 Speed Standard, PS, PB, AM Radio, 45,000 Miles.. $4995

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1979 Chevy 8-Passenger Beauville, 350 V8, Auto., PS, PB, Air Cond., Tilt Wheel, Cruise Cont., AM-FM Stereo, 33 Gal. Tank..... $8995
1977 Dodge 8 Passenger Royal Sportsman, Trailer Special, 440 V8, Auto., PS, PB, Air Cond., AM Radio..... $6995
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1982 Ford F150 XL, 302 V8, 4 Speed, PS, PB, AM-FM Stereo, Dual Tanks, Dk. Brown Metallic & Buckskin, only 10,000 Miles, Still Under Factory Warranty .. $11,500
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1979 Dodge Ramcharger, 318 V8, Auto., PS, PB, AM-FM.... $6995
1979 Chevy Blazer, 350 V8, Auto., PS, PB, Air Cond., AM Radio, Rust-Proofed, 2 Tone Paint..... $8495
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1979 Dodge W150 Pickup, 360 V8, Auto., PS, PB, AM Radio, Cap, Very Clean..... $6995
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1979 Chevy Scottsdale 4 Wheel Drive Suburban, 400 V8, A, PS, PB, AC, AM-FM Radio, 31 Gal. Fuel Tank, Equalizer Hitch & Brake Pkg., Dk. Brown Metallic $8995
1979 Ford F150 Custom, 351 V8, A, PS, PB, AM-FM, Lockout Hubs, 22,000 Mi. ... $7995
1978 Chevy C-10 Scottsdale, Shortbed, 350 V8, 4 Speed, PS, PB, AM-FM & Cassette, 2 Tone Maroon & White $6995
1978 Dodge Ram Charger, 318 V8, Auto., PS, PB, AM Radio, All Black w/White Spoke Wheels..... $5995
1978 Plymouth Trailduster, 360 V8, Auto., PS, PB, AM Radio, Chrome Slot Wheels, 2 Tone Maroon & Silver, 39,000 Miles..... $6995
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1964 Heil 5500 gallon liquid fertilizer tank trailer, as is, $1,500

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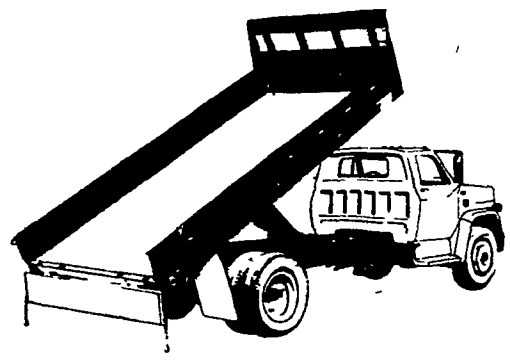

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Collie pups, sable and white AKC Reg. Have shots, wormed and eyes checked. Also blue merle female, 7 mos. 814-224-2239 or 224-2391

Llamas: one male trained to lead and pack. $1000. One young female $2500. Lehigh Co. 215-298-2837

Puppies Wanted - AKC, purebred, mixed, 296 S. Vintage Rd., Paradise, PA 17562 717-442-4259

Registered Australian Shepherd puppies. Excellent working bloodlines. Red Merles, solid Reds, solid Blacks. Beautiful colors. Ready for Christmas! 717-285-3023

Border Collie puppies, 8 wks. old, not registered, $50 ea. 717-259-9459 after 5 p.m.

RABBITS - French Lops and Red Satin rabbits, will sell or trade in Chinchilla rabbits. 717-529-2528

Airedale Puppies - AKC registered, ready for Christmas. Extra large parents, hunting stock, obedience and companion, excellent temperament. Oldwick Farm, Corbett Road, Montgomery, NY 12549, 914-457-3859

AKC reg. St. Bernard puppies, 6 wks. old, wormed and shots, also 6 mth. old male, 814-832-3201 or 814-832-2784

Purebred collie puppies, nicely marked, 6 weeks old. 717-653-5975

Doberman Christmas pups. Large boned. Magnificent Reds and Blacks. Sire International Champion. Docked, cropped, all shots. $150 up. 215-933-3600

AKC Rottweiler females, (one) 10 months old, (one) 2 years old. 717-532-2599

For Sale - Australian Blue Heeler cattle dog puppies, purebred, priced reasonable. Lancaster County. 215-286-9052

Border Collie pups, purebred. 717-626-4840

500 pups wanted on March 1, 1983. I need cute, healthy pure and mixed breed pups, 6-8 wks. old. Contact Jo Jo the Dog Man at Root's Farm Market, Manheim, Pa on Tues. March 1, 1983, 5-8 p.m. $50 prize for the cutest pup purchased. P.S. Puppy stand closed January and February. Do not bring any pups to Root's as there is no puppy buyer there. Thank you. Jo Jo.

AKC German Shorthaired Pointer puppies, good bloodlines, $175, 215-395-1816

For Sale - Red Bone COON Hound (Dauphin Co.). Phone 717-469-2862

AKC Registered Miniature Schnauzers, classic blacks, shimmering silvers, males, females, champion bloodlines, show quality. 717-285-3023

Boston male and female, nicely marked, $50 each; 1 yr. old Spitz male $15;, 5 yr. old Chihuahua male. 717-757-2744.

Blue Heeler puppies (Australian Cattle Dogs), purebred, wormed, shots, great workers, Starlight Farms, RD1, Salem N.J. 08079 609-935-2893

PETS

Australian Heeler pups for sale from good working parents, ready for delivery. 215-942-3187

AKC Shetland sheep dog puppies, good markings and disposition, 2 males, $75 each. 215-689-5426

HOUSEHOLD GOODS

For Sale - Prizer Cook Stove, excellent shape. 215-593-5754.

MISCELLANEOUS

FOR SALE - New and used automatic washers, dryers, gas and electric refrigerators, ranges, used wringer-engine washers, new bedroom furniture. Open 7:30 to 4:30; Saturday, 7:30 to 12:00; evenings by apointment. Myer's Washer-Dryer, Rt. 772, between Brownstown and Leola. 717-656-7169

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Wanted - Old Oriental rugs, any size or condition, call toll free 1-800-553-8003.

CARS $100, TRUCKS $75; Available at local gov't sales. Call (refundable) 1-312-931-JEEP, Ext. 1370B for your directory on how to purchase. 24 hrs.

Pure Vermont maple syrup, grade fancy ½ gallon $14.00. Delivered 5th zone. Guy Kelsay, R2, Putney, Vermont 05346

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MISCELLANEOUS

For Sale - Amish buggy with hydraulic brakes $850. Christ Beiler, Box 38 Nine Points, Pa. 17561 1st farm north of nine points on Rt. 896.

Gas refrig., 6.4 cu. ft. Servel, 4 ice trays, new gasket, $200. Frigidaire 9 cu. ft. with 3 cu. ft. freezer, new gaskets, $150. Elec. heater, $35. Upright piano, $200. Recond. typewriter, $15. 7 dwr. wood knee hole desk, $20. 2 tires GR-78-15 black, $5 ea. Bicycle carrier, $5. Snow pusher, $3. Earth auger, $5. 9x12 green outdoor carpet, $35. 27"x54" sculptered green rug $10. Call Gloria Haller eves. or weekends for appt. 717-397-3869

Locust posts for sale, 7' long, split, $1 and $2 a piece. 717-252-2272

15 acres of tobacco, 1982 crop, 717-898-2886

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Steel Roofing 20 yr. WARRANTY $42.95 deliver. 35KWAC brushless standby with pto cart KD 40% off in 1982. 3½KW for lawn garden tractors $275.00, 12KW $590.00, 45KW with PTO $165, drill press 5/8" chuck, water bowls $23.90, ¾" drive socket set $50.00, good 8 barn windows aluminum 34"x46" $19.00 with glass. 215-445-5309

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MISCELLANEOUS

76 Flyers snowmobile, in good cond., 717-656-6088

For Sale - D.K. Lumber, Oak, Poplar and Maple. Also Pallet Lumber. 717-539-2436 or 717-539-8666

For Sale - Warm Morning coal stove, good condition. Call 215-273-3698.

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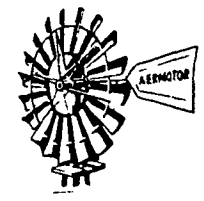

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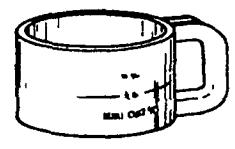

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Lancaster Farming

VOL. 28 No. 9 | Three Sections | Lancaster Farming, Saturday, January 1, 1983 | $7.50 per year

Federal judge delays 50c deduction

BY DONNA TOMMELLEO

COLUMBIA, S.C. — The latest law suit attacking the national 50-cent dairy deduction has succeeded, at least temporarily, in delaying the assessment for 10 days, said a South Carolina attorney.

Federal District judge Matthew Perry, recently handed down a temporary restraining order halting the assessment until a Jan. 3 hearing can be held. The hearing will decide whether or not a prelimnary injunction against the deduction can be obtained. Ultimately, the six complainants are seeking a permanent injunction, said attorney Clifford Koon. The temporary delay will last 10 days, however Perry can decide to extend it for another 10 if necessary, said Koon.

Representing the state of South Carolina, Koon explained that a law suit was filed against the United States Department of Agriculture, the Commodity Credit Corporation and U.S. Agriculture Secretary John Block.

Koon said complainants, the state of South Carolina, the S.C. Farm Bureau, the State Consumer Advocate and three dairy farmers are charging that Block, the USDA and the CCC failed to follow guidelines of the Administration Procedure Act.

The attorney explained the Act calls for a public hearing and a public comment period on the effects as well as the regulations of the assessment.

"The National Association of Departments of Agriculture specifically told Block to hold a hearing," Koon said.

Earlier this month, USDA Dairy Division chief Ed Coughlin told **Lancaster Farming** the public comment period was to provide comment on the content of the regulations.

"The comment period is not for whether or not we will have the program," Coughlin said.

However, Koon noted that the complainants charge the lack of the public hearing and in-

(Turn to Page A23)

Here are this year's Master and Keystone Farmers

The title of Master Farmer is given only to a few of agriculture's top-of-the-line people each year. To be a Master Farmer, the award winner truly must be outstanding in their field. The old stereotyped, bib-overalled farmer has relinquished the tractor seat to the modern-day, computer age agribusinessman who uses sophisticated management tools to achieve production and marketing goals.

This year's list of Master Farmers includes: Lebanon County dairymen, Harold and Donald Bollinger; Lackawanna County's Fred Eckel and sons Douglas and Keith who combine a successful dairy and green-wrap tomato business; Perry County dairymen, William Martin and sons Keith and Edward; Montgomery County dairyman and jug store owner Maynard Rothenberger; Bucks County brothers William and John Yerkes who own and operate a successful fruit and vegetable business; and Herbert and Margaret Zeager, Northumberland County crops and livestock farmers. Read about these Master Farmers on pages A18-20.

Also featured in this week's issue (C-section) are some of the outstanding Future Farmers of America who have earned their Keystone Degrees. More to follow next week.

And, just in time to help you plan your trip to Farm Show, Lancaster Farming has prepared a map and schedule of events for your convenience, page B16. See you there.

Hearing date draws near for new PMMB regulations

HARRISBURG — A public hearing to comment on the Pennsylvania Milk Marketing Board's new accounting system will be held no later than the end of January 1983, George Brumbaugh, PMMB Chairman predicted, Wednesday.

The accounting changes are geared to reflect unit costs on a product by product and container size basis of fluid milk. The previous system, which reflected average costs, was revamped in compliance with a directive by a Commonwealth Court judge.

Judge Craig's ruling in October 1981 resulted from his reversal of a price increase ordered by PMMB. Craig overturned PMMB's 12-cent per gallon retail price hike in Bucks, Chester and Montgomery Counties.

In his decision, Craig explained the Board's use of unit costs is essential in price determination and that the profit-loss statements of the four dealers who requested the increase did not reflect those costs.

If the new accounting regulations are accepted by the Board, the information would provide details about dealers' costs to manufacture different kinds of milks and in different containers.

There has been some speculation among dealers that lower fat products would have to cost less because the new unit pricing would take into account the solids and butterfat content of milk.

However, Brumbaugh explained the overall profitability to dealers will remain the same.

"I anticipate there will be some kind of trade-off," he said. While low-fat and skim prices may drop, whole milk prices may rise to recoup the difference, he said.

"But this will not be an earthshaking development, but rather a gradual change. It will be a matter of months before we see changes in cost," Brumbaugh added.

Pennsylvania Association of Milk Dealers spokesman Henry Geisinger agreed that it will be a while before the public notes any appreciable difference in prices but added that such accounting changes were a long time in coming.

"Overall the changes are necessary, but they're darn complicated. I think the PMMB took an honest approach toward the changes by using a reputable accounting agency.

"We have made some recommendations over the years," Geisinger noted. He added that

(Turn to Page A24)

Best Wishes for the New Year

May all the things that say New Years be yours... good times, good friends and good health.

From the L.F. staff

LCCD Board meets, elects officers

Members of the Lancaster County Conservation District Board of Directors re-elected Aaron Stauffer, center, as chairman of the Board at their annual year-end meeting, Monday, at the Leola Family Restaurant. Also re-elected was Amos Funk of Millersville, left, to serve as vice chairman. Bob Wagner, right, was elected to serve as member of the Executive Council.

BY DEBBIE KOONTZ

LANCASTER — Members of the Lancaster County Conservation Board of Directors met with several cooperating agencies Monday at the Leola Family Restaurant to recognize their efforts in conservation and to elect officers.

Repeating his office as chairman of the board will be Aaron Stauffer of Ephrata who has served in this capacity for the past 10 years.

Also re-elected was Amos Funk of Millersville, serving as vice chairman of the board.

Newly elected to serve as a member of the Executive Council for the Pa. Association of Conservation Districts, is Bob Wagner of Little Britain Township.

Serving on the auditing committee for 1983 will be Amos Funk, Bob Mowrer of Willow Street and Warren Archibald of East Petersburg.

For having been named Outstanding Conservation Cooperator by the Lancaster County Conservation District this past March, Albert Breneman and wife Mary Jane, Mt. Joy, were recognized by guest speaker Paul Swartz, executive secretary of the State Conservation Commission.

The Brenemans are successful dairy farmers in Rapho Township and have been applying conservation to their 140-acre farm since 1967.

Following Monday's luncheon, District Board Chairman Aaron Stauffer installed County Commissioner James Huber and Vice Chairman Amos Funk as directors for the Conservation District. Funk's position will not come up for re-election again until 1986; however, the position filled by Huber is reappointed each year.

Ken Depoe, another member of the Board, was recognized for his outstanding work with the conservation district.

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Notice

Wondering if you have received all of the sections included with this week's **Lancaster Farming**?

For your convenience, we will include with this issue and each issue hereafter, a count of sections in the index on page three, just as we have been doing on the front page (above) every week.

Though **L.F.** is predominately a four-section newspaper, we do publish several three- and five-section issues throughout the year. We hope this information will eliminate any confusion in future issues.

Livestock market and auction news

New Holland Livestock

Thursday, Dec. 23
Report supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	381	352	4	
Last Thurs.	768	544	24	8
Last Year	NO SALE			

CATTLE: Compared to last Thursday small supply slaughter steers .50-1.00 higher; cows 1.50-2.00 higher; slaughter heifers and bulls not fully established; Supply included 38 percent slaughter steers and 49 percent cows.

SLAUGHTER STEERS: Choice 2-4 1050-1425 lb. 60.25-62.25, couple 62.25-62.75; high Good and low Choice 2-3 1000-1350 lb. 58.00-60.50, couple 60.50-61.25; Good 2-3 1000-1300 lb. 56.75-58.25; few head Good and Choice 1330-1760 lb. Holsteins 50.25-52.75.

SLAUGHTER HEIFERS: Few head Choice 2-3 950-1120 lb. 54.00-57.00.

COWS: Utility and Commercial 1-3 40.50-42.85, few head 43.00-44.85; Cutter 1-2 38.75-40.50, few 40.50-41.25; Canner and low Cutter 35.00-37.50.

BULLS: Few yield grade 1 1450-1875 lb. 54.00-58.25, couple 60.85-63.75; yield grade 2 1000-1350 lb. 48.00-52.50.

VEAL CALVES: Small supply Choice and Prime 160-270 lb. 5.00-10.00 higher, high Good and low Choice fully steady; Demand good for Holstein bulls to return to farm.

VEALERS: Choice 160-270 lb. 104.00-118.00, couple 200-230 lb. 124.00-126.00; few Choice 120-140 lb. 92.00-105.00; high Good and low Choice 140-250 lb. 70.00-95.00, 110-140 lb. 55.00-70.00, 80-115 lb. 46.00-53.00, few 70-80 lb. 42.00-48.00.

SLAUGHTER CALVES: Few Good and Choice 350-470 lb. 49.00-61.00.

RETURNED TO FARM: Bulk 95-120 lb. Holstein bulls 72.00-85.00, few 85.00-91.00; several 85-95 lb. 55.00-70.00.

SHEEP: No market test.

Lancaster Weekly

Thursday, Dec. 23
Report supplied by USDA

	Cattle	Calves
This Week	2100	1325
Last Week	3690	1542
Last Year	1675	1039

CATTLE: Small supply slaughter steers 1.00-2.00 higher; slaughter heifers fully steady; cows 1.00-3.00 higher; bullocks firm to 1.00 higher; bulls 1.00-2.00 higher, instances 3.00 higher. Supply included 43 percent slaughter steers, 9 percent slaughter heifers, 39 percent cows, and 7 percent bulls.

SLAUGHTER STEERS: Few high Choice and Prime 3-4 1150-1400 lb. 62.00-64.75; Good and Choice 1-2 1100-1350 lb. 62.00-63.50, couple 63.50-64.75; Choice 2-4 1050-1425 lb. 60.00-63.00; high Good and low Choice 2-3 57.00-60.00, few 60.00-61.25; Good 2-3 54.00-58.00; Good and Choice 1200-1550 lb. Holsteins 50.50-53.50; Standard 1-2 45.50-51.00.

SLAUGHTER HEIFERS: Choice 2-3 850-1120 lb. 54.00-57.50, few yield grade 2 57.50-59.00; Good 2-3 800-1050 lb. 50.00-54.75.

COWS: Utility and Commercial 1-3 39.50-43.00, few 43.50-45.00; Cutter 1-2 38.00-40.50, few 40.50-42.00; Canner and low Cutter 35.00-37.50.

BULLOCKS: Choice 1000-1275 lb. 58.75-60.50, couple 60.75-61.25; Good 1000-1250 lb. 51.00-55.00.

BULLS: Yield grade 1 1300-1900 lb. 51.50-57.00, few 57.50-61.00, individual 63.75; yield grade 2 1000-1350 lb. 45.00-52.00.

VEAL CALVES: Few sales Choice and Prime vealers 5.00 higher, bulk of supply high Good and low Choice mostly steady. Demand good for Holstein bulls to return to farm.

VEALERS: Few Choice and Prime special fed 200-350 lb. 118.00-126.00; Choice 150-270 lb. 100.00-110.00, few 110.00-118.00; high Good and low Choice 140-280 lb. 70.00-95.00, 115-140 lb. 55.00-70.00, 80-115 lb. 45.00-53.00, several 60-75 lb. 40.00-48.00.

SLAUGHTER CALVES: Few Good and Choice 350-470 lb. 49.00-61.00.

RETURNED TO FARM: Few 100-115 lb. Holstein heifers 75.00-88.00; several 85-100 lb. 55.00-70.00. Bulk 90-115 lb. Holstein bulls 72.00-85.00, few 85.00-91.00; several 80-90 lb. 55.00-72.00.

Lancaster Market

Monday, Dec. 27
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	1160	97	1375	110
Last Monday	778	132	760	615
Last Year	1047	132	1344	125
Monday's Auction	1120	95	1339	110

Last Monday's Auction

849	139	798	641

CATTLE: Compared to last Monday slaughter steers steady to firm; heifers 1.00-1.50 higher; cows .50-1.00 lower, instances 1.50 lower; bullocks steady; bulls 1.00-2.00 higher. Supply included 60% slaughter steers, 12% heifers, 20% cows, and 8% bulls.

SLAUGHTER STEERS: High Choice and Prime 3-4 1200-1550 lb. 61.75-63.10; few Choice 2 1100-1325 lb. 62.00-62.85; Choice 2-4 1050-1425 lb. 59.75-62.00; high Good and low Choice 2-3 1050-1350 lb. 57.00-60.25; load mostly Good few Choice 3-4 1300-1600 lb. 54.00-56.60; Good 2-3 1000-1325 lb. 54.00-57.50; Good and Choice 1275-1450 lb. Holsteins 51.50-53.35; Standard 1-2 47.50-51.00.

SLAUGHTER HEIFERS: Choice 2-3 900-1050 lb. 56.50-59.50, few Choice 2 59.50-60.75; Good 2-3 850-1000 lb. 52.00-56.00; several Good and Choice 2-4 850-1150 lb. Heiferettes 47.00-50.00.

COWS: Utility and Commercial 1-3 38.50-40.50, few 40.50-42.50, couple 43.00-44.00; Cutter 1-2 36.50-39.50, few 39.50-40.00; Canner and low Cutter 34.50-37.00; Commercial beef breed 3-4 37.00-39.50; load Cutter beef breed 1-2 800-1000 lb. 34.00-37.00, 650-800 lb. 29.00-33.00.

BULLOCKS: Choice 1050-1300 lb. 57.75-59.25; Good 1000-1275 lb. 52.00-56.75.

BULLS: Yield grade 1 1200-1900 lb. 53.00-56.25, around a dozen head 1800-2000 lb. 60.50-63.75, individual 1625 lb. 66.25; yield grade 2 1000-1350 lb. 48.50-53.00.

VEAL CALVES: Vealers weak to 5.00 lower. Demand good for Holstein bulls to return to farm.

VEALERS: One lot Prime special fed 320 lb. 118.00; Choice 160-280 lb. 100.00-115.00; high Good and low Choice 160-250 lb. 80.00-90.00, 115-160 lb. 55.00-75.00, 80-110 lb. 40.00-53.00.

SLAUGHTER CALVES: Good and Choice 275-430 lb. 50.00-60.00.

RETURNED TO FARM: Bulk 90-110 lb. Holstein bulls 70.00-90.00, couple 80.00-85.00.

SHEEP: Wooled lambs 1.00-2.00 higher; slaughter ewes firm to 5.00 higher.

WOOLED LAMBS: Choice and Prime 80-110 lb. 55.00-60.00; Choice 70-100 lb. 50.00-55.00; Good 50-80 lb. 48.00-53.00; one lot Choice 40-45 lb. new crop lambs 160.00.

SLAUGHTER EWES: Utility and Good 20.00-30.00.

GOATS: All goats sold by the head, mainly 38.00-45.00, couple at 50.00, couple 65.00.

Vintage Auction

Tuesday, Dec. 28
Report supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	1037	802	4	3
Last Tuesday	762	806	14	8
Last Year	1263	939	13	

CATTLE: Compared to last Tuesday slaughter steers mostly steady, instances .50 lower on Good to average Choice; slaughter heifers steady; cows uneven, Utility and Commercial steady instances 1.00 higher, Canner and Cutter weak to 1.00 lower bulls not fully tested. Supply included 52 percent slaughter steers and 40 percent cows.

SLAUGHTER STEERS: High Choice and Prime 3-4 1200-1450 lb. 62.75-64.00, couple 64.00-64.60; Good and Choice 1-2 1100-1325 lb. 63.00-65.10; Choice 2-4 1050-1450 lb. 59.75-63.10; high Good and low Choice 2-3 57.50-60.50; Good 2-3 54.50-58.25; around 50 head Commercial and Good 1300-1600 lb. 54.00-56.25 and about 25 head Commercial 3-4 1450-1810 lb. 50.00-54.50; Good and Choice 1200-1450 lb. Holsteins 50.50-54.10; Standard 1-2 46.50-50.50.

SLAUGHTER HEIFERS: Few Choice 2-3 850-1050 lb. 57.00-59.00; Good 2-3 800-1050 lb. 48.00-52.00.

COWS: Utility and Commercial 1-3 38.75-42.50, few 42.50-44.25; Cutter 1-2 37.25-40.00, few 40.00-42.00; Canner and low Cutter 34.00-36.25; around 20 head Cutter 765-1100 lb. beef bred 33.00-36.00.

BULLS: Few yield grade 1 1000-1600 lb. 54.00-57.00; couple yield grade 2 1000-1350 lb. 47.25-51.00; 10 head Large Frame 2 800-950 lb. Holstein feeder bulls 41.00-47.50.

VEAL CALVES: Vealers firm to 5.00 higher, although Choice 160-250 lb. not tested. Supply included 590 in graded sale of which 69 percent sold to return to farm.

VEALERS: Couple Choice 160-180 lb. 72.00-85.00, individual 210 lb. 100.00, few Choice 105-140 lb. 61.00-79.00; high Good and low Choice 120-170 lb. 53.00-70.00, 90-115 lb. 49.00-55.00, 60-90 lb. 45.00-50.00 with few Standard 60-75 lb. 36.00-40.00.

RETURNED TO FARM: 25 head 100-115 lb. Holstein heifers 77.00-90.00; 16 head 90-95 lb. 69.00; one lot small frame 100-105 lb. 63.00. 38 head 120-125 lb. Holstein bulls 77.00-79.00; 156 head 100-115 lb. 85.00-91.00 and 27 head 90-95 lb. 74.00-75.00; 135 head small frame 100-125 lb. 74.00-80.00.

SHEEP: No market test.

GOATS: Couple 28.00-36.00 per head with individual 50.00.

Lancaster Auction

Wednesday, Dec. 29
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	324	17	820	5
Last Wednesday	91	22	535	10

(Turn to Page A9)

HAY, STRAW & CORN
— SALE —
Every Friday at 12 Noon
GREEN DRAGON MARKET & AUCTION
RD No. 4 Ephrata, Pa. 717-733-2334
1 mile North of Ephrata on N. State St.
Out of State Buyers - Cash or Certified Check Only.

B&R CATTLE CO.
RD1, Marietta, PA 17547
Office Phone: (717) 653-8164
Specializing In Stockers & Feeders
JOHN BOWMAN
Ph: (717) 653-5728
RON RANCK
Ph: (717) 656-9849

LEBANON VALLEY LIVESTOCK MARKET, INC.
1 mile East of Fredericksburg along Route 22
PHONE: JONESTOWN 865-2881
Sale every Tuesday at 1:30 P.M. starting with feeder cattle and pigs.
Also Hay Sale every Tuesday at 12:30.

Open 24 hours a day
365 days a year
(717) 394-2611
AUCTIONS
MONDAY & WEDNESDAY
10:00 A.M. — Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M. — Veal Calves, Lambs, Hogs
TUESDAY
10:00 A.M. — Slaughter Hogs
1:00 P.M. — Feeder Pigs
FRIDAY
11:00 A.M. — Stocker and Feeder Cattle
SATURDAY
9:30 A.M. — Slaughter Hogs
HOLIDAY SCHEDULE
Lancaster Stockyards will be closed New Years Day. Livestock arriving at the Yards will be fed and watered as usual.
LANCASTER STOCKYARDS, INC.
1147 Lititz Pike
Lancaster, Pennsylvania 17601
Serving The Community For 86 Years

VINTAGE SALES STABLES, INC.
Sale Every Tuesday
11 A.M.
Slaughter Cattle Auction - Steers, Bulls, Heifers, Cows, Feeder Cattle.
Get calves in early. We start to grade and weigh at 2:00.
Sale Every Wednesday & Saturday
9 A.M.
Hog Sale
Hay and Straw Sales
Will Start Nov. 18 at 1:00 P.M.
Every Thursday thereafter
Business Phone
717-768-8204
Home Phone
215-458-8518
L. Robert Frame, Manager
Box 100 Paradise, PA
10 miles East of Lancaster on Rt. 30

NEW HOLLAND AUCTIONS
The Action Auction
makes the difference in marketing livestock!
NEW HOLLAND
make the difference in auctions!
MONDAY'S AUCTION
8:00 A.M. - Fat Hogs
10:00 A.M. - Horse Sale
11:00 A.M. - Hay, Straw & Ear Corn
1:30 P.M. - Fat Steers, Bulls, Cows & Veal
WEDNESDAY'S AUCTION
12:00 Noon - Dairy sale
1:30 P.M. - Feeder Pig Sale
THURSDAY'S AUCTION
11:00 A.M. - Beef Sale
Order of Sale, Bulls, Fat Steers, Cows, Veal
3:30 P.M. - Calf Sale
NEW HOLLAND SALES STABLES INC.
New Holland, PA
Abram W. Diffenbach, Manager
Phone 717-354-4341

Hog Markets

Lancaster Hogs

Monday, Dec. 27
Report supplied by USDA

HOGS: Compared to last Wednesday barrows and gilts steady to .50 higher.

BARROWS AND GILTS: US 1-2 205-260 lb. 58.25-59.25, couple lots 59.35-59.60. US 1 205-250 lb. 59.50-60.50, few Selected 61.00-62.00. US 1-3 205-250 lb. 57.25-58.25. US 1-2 Few 190-200 lb. 54.00-57.00. US 2-3 260-275 lb. 56.50-57.00.

Tuesday, Dec. 28

TODAY	392
LAST TUESDAY	371
LAST YEAR	584

TREND: Compared to Monday barrows and gilts .50-.75 lower, instances 1.50 lower.

BARROWS AND GILTS: US 1-2 205-250 lb. 57.50-58.25. US 1 205-245 lb. 58.50-59.50, Couple 60.00. US 1-3 [illegible]-260 lb. 55.65-56.85.

SOWS: US 1-3 340-600 lb. 45.50-46.50, Few 45.00-45.50.

New Holland Hogs

Monday, Dec. 27
Report supplied by USDA

Today	1782
Last Monday	1822
Last Year	1758

TREND: Barrows and gilts .50-1.00 lower than the best time of last Monday's uneven market.

BARROWS AND GILTS: US 1-2 205-245 lb. 59.75-60.35, Some late 59.25-59.75. US 1 205-250 lb. 61.50-62.25, Couple lots 62.50-63.00. US 1-2 190-205 lb. 59.50-60.00. US 1-3 200-260 lb. 59.00-60.00. US 2-3 275-310 lb. 51.50-53.50.

Lancaster Feeder Pigs

Tuesday, Dec. 28
Report supplied by USDA

Today	1141
Last Tuesday	880
Last Year	986

TREND: Compared to last Tuesday feeder pigs 5.00-10.00 lower, extremes on 50-80 lb. weights 15.00 lower. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 139 head 30-39 lb. 135.00-143.00; 160 head 40-49 lb. 110.00-127.00; 47 head 46 lb. 138.00; 200 head 50-59 lb. 107.00-126.00; 45 head 60-69 lb. 92.00-99.00; 11 head 75 lb. 75.00.

US 2-3: 38 head 30-39 lb. 108.00-126.00; 94 head 40-49 lb. 90.00-106.00; 41 head 50-59 lb. 81.00-85.00; 43 head 67-72 lb. 67.00-82.00.

Westminster Feeder Pigs

Friday, Dec. 17
Report supplied by auction

644 Pigs: Compared to last month prices were steady to $8.00 lower. All pigs weighed on arrival and sold by the pound.

US #1 & 2: 132 head 25-39 lbs. 110.00-130.00; 113 head 40-47 lbs. 114.00-126.00; 160 head 50-57 lbs. 110.00-130.00; 25 head 64-68 lbs. 92.50-94.00.

US #1: 32 head 63 lbs. 114.00.

US #1 & 2: 90 head 74-78 lbs. 85.00-93.00; 24 head 85 lbs. 86.00; 15 head 108 lbs. 75.00.

US #2 & 3: 49 head 36-50 lbs. 90.00-107.50.

Lancaster Hogs

Lancaster Stockyards
Friday, Dec. 24
Report supplied by auction

470 head.

US #1 215-240 lbs. 61.00-63.50, few 63.75-64.25; U.S. 1 & 2 210-245 lbs. 59.00-59.75; U.S. 2 & 3 210-255 lbs. 58.00-58.75; Heavyweights 260-270 lbs. 53.00-56.60; Sows and Boars - too few to quote.

Keisters Middleburg Livestock

Middleburg, Pa.
Tuesday, Dec. 28
Report supplied by auction

CATTLE 216: Choice slaughter steers 60.50-62.10, Good 58.00-60.85, Standard 55.00-58.00, Utility 42.00-55.00. Good slaughter heifers 50.75-56.75, Standard 48.00-52.50, Utility 42.00-48.00. Utility & Commercial cows 38.00-42.75 with a few to 43.75, Cutters 36.00-40.75, Canner and Low Cutter 32.00-36.00, Shells down to 30.00. Good slaughter bullocks 50.75-52.85. Yield Grade #1 bulls, 1200-1885 lbs., 50.10-52.85, Yield Grade #2 800-1200 lbs. 40.00-50.10.

CALVES 155: Choice vealers 82.50-91.75, Good 65.00-82.50, Standard & Good 90-110 lbs. 45.00-62.50, 70-90 lbs. 40.00-53.00. Farm calves, holstein bulls 90-125 lbs. 70.00-87.00, holstein heifers 95-135 lbs. 65.00-88.00.

HOGS 683: US No. 1-2 210-230 lbs. barrows and gilts 58.60-60.00, few to 61.35, No. 1-3 200-250 lbs. 58.00-58.60, No. 2-3 190-270 lbs. 56.00-58.00. No. 1-3 350-725 lbs. sows 46.00-48.75, No. 2-3 42.00-46.00. Boars, 250-686 lbs. 41.00-47.75.

FEEDER PIGS 213: US No. 1-3 20-20 lbs. feeder pigs 20.00-38.00 per head, No. 1-3 20-40 lbs. 38.00-56.00 per head, No. 1-3 40-60 lbs. 56.00-65.00.

SHEEP 3: Wooled slaughter lambs 56.00.

Four States Livestock

Hagerstown, Md.
Wednesday, Dec. 22
Report supplied by auction

SLAUGHTER: Fed Steers- Steady. Choice 56.00-57.75; Good 53.00-55.00; Medium 52.00 down. Heifers- Good 45.00-49.00; Medium 44.00 Down. Cows- $1.00 higher. High Yield 40.50-42.00; Average 38.00-40.00; Big Middle 34.00-37.00; Fatty Herf. 33.00-36.00; Shelly 35.00 down. Fat Bulls- Good 49.00-51.00; Medium 46.00-48.00. Veal Calves- $2.00 lower, Farm Bulls $5.00-8.00 higher. Choice 85.00-92.00; Good 70.00-84.00; Medium 60.00-69.00; Farm Hrs. to 59.00; Farm Bulls to 87.00; Light & Weak 40.00 down.

STOCKER: Steers 300-550 lbs. $3.00-5.00 higher. Choice 61.00-67.00; Good 55.00-60.00; Medium 50.00-54.00; Culls 49.00 down. Steers 600-850 lbs. Choice 53.00-55.00; Good 47.00-52.00; Medium 46.00 down. Heifers (All weights) Choice 48.00-53.00; Good 43.00-47.00; Medium 42.00 down. Bulls- Choice 56.00-60.00; Good 50.00-54.00; Medium 49.00 Down. Dairy Cows to 510.00. Springing Heifers to 1010.00. Pigs, hd.- Steady prices. 20-30 lbs. 22.00-39.00; 40-60 lbs. 40.00-49.00. Shoats by lb. to 50.00. Slaughter Hogs- $1.00 higher. 210-230 lbs. 56.50-57.00; 270-335 lbs. 54.50-55.50. Sows $44.00-48.50. Thin Sows 39.00-43.00.

U.S. Inspected Livestock Slaughter

Wednesday, Dec. 29
Report supplied by USDA **Estimated Daily Livestock Slaughter Under Federal Inspection**

	CATTLE	CALVES	HOGS	SHEEP
This Week	355,000	33,000	710,000	57,000
Last Week	395,000	36,000	908,000	70,000
Last Year	369,000	32,000	1,043,000	74,000

Market courtesy of USDA.

Chicago Grain Futures

(Closing Bids as of Wednesday, Dec. 29)

	Corn	Wheat	Soybeans	Soybean Meal
Jan.			5.62¾	
Mar.	2.45¼	3.33½	5.73	173.80
May	2.53½	3.41½	5.81¾	174.90
July	2.59¾	3.45¾		175.90

Trend - Corn is lower, Wheat is lower, Soybeans are lower, Soybean Meal is lower.

Market Provided by Commodity Department
Dean Witter Reynolds, Inc.

Futures Trading

(Closing Bids as of Wednesday, Dec. 29)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes
Feb.	59.15	56.90	
Apr.	59.72	53.95	6.57
June	61.27	54.95	

Trend - Cattle are lower, Hogs are lower. Potatoes are lower.

Market Provided by Commodity Department Dean Witter Reynolds, Inc.

VINTAGE SALES STABLES WILL BE HOLDING A HOG SALE AS USUAL ON SATURDAY, JANUARY 1, 1983 THE SALE WILL BE HELD AT 9:00 A.M.

Vintage Sales Stables

NOTICE: HOG SALE

SATURDAY, JANUARY 1, 1983 - 10 A.M.

You Have A Choice

If you miss Monday, there is always Wednesday

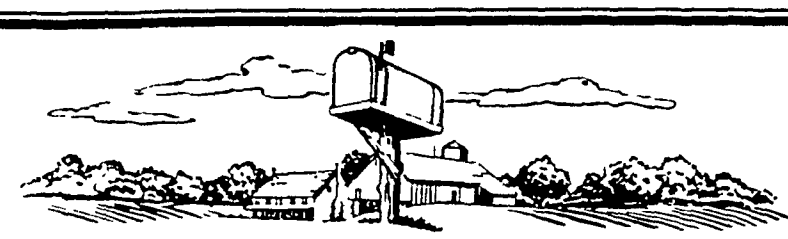
Today, as in the past, Walter M. Dunlap and Sons offers all cattle feeders the choice of what day to market their fat cattle.

Either Monday or Wednesday, we will advise you to the best of our ability what day that week we think is most advantageous to you.

So, Monday or Wednesday, you have a choice. Give us a call for market conditions and honest advice.

NEXT FEEDER PIG SALE
Tuesday, January 4 at 1 P.M.

Walter M. Dunlap and Sons
Lancaster Stockyards
Tel. (717) 397-5136
An Old Line Commission Firm
Keeping Abreast With The Times



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Brockett's Ag Advce B31

Farm Show Schedule. B16

Three Sections

Poultry Markets

Weekly New York Egg Market

From Monday, Dec. 27 to Dec. 29

	Mon.	Tues.	Wed.	Thurs.
WHITE				
Jumbo	81	79	77	
Ex Large	78	76	74	
Large	75	73	71	
Mediums	62	60	60	
Pullets	45	45	45	
BROWN				
Jumbo	—	—	—	—
Ex Large	90	90	88	
Large	85	85	83	
Mediums	62	62	62	
Pullets				
Peewees	Unquoted			
Off Grade				
Large	64	62	60	
Checks	29	29	29	

Nest Run Eggs

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification	Net Weight Per Case	Dec. 28 Tuesday
Class 1 - Large	48 lbs.	61
Class 2 - Large	45 lbs.	54
Class 3 - Medium	42 lbs.	45½
Class 4 - Small	39 lbs.	31
Breaking Stock	48 lbs.	39
Checks	48 lbs.	34½

N. E. Weekly Shell Egg Report

Tuesday, Dec. 28
Report supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
MASS.X	90-98	87-95	71-79	47-53
Mostly	94-96	91-93	76-77	51
N. HAMP.	85-91	82-88	66-72	42-48
Mostly	87-90	84-87	68-71	44-47
R.I.	84-90	81-87	67-72	42-47
Mostly	84-86	81-83	67-68	42-45
VERMONT	90-1.02	87-99	71-84	—
Mostly	92-94	89-91	73-75	—
MAINE	92-94	89-91	73-75	49-50

X Includes Central and Western Sections only.

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Heinsey's Poultry Market

Root's, East Petersburg
Tuesday, Dec. 28
Report supplied by auction

MUSCOVY DUCKS, DRAKES: range .86-1.04 per lb.

MUSCOVY DUCKS, HENS: range .60-.78 per lb.

PEKIN DUCKS: range .46-.54 per lb.

PULLETS: 6-8 lbs. range .40-.52 per lb.

RED FOWL: 4-5 lbs. range .15-.26 per lb.

RED FOWL: 5-6 lbs. range .24-.36 per lb.

CROSSBRED FOWL: 6-9 lbs. range .28-.36 per lb.

CROSSBRED ROOSTERS: 4-6 lbs. range .25-.56 per lb.

CROSSBRED ROOSTERS: 7-11 lbs. range .30-.62 per lb.

GUINEA FOWL: range .85-1.36 per lb.

BANTY ROOSTERS: range 1.25-3.00 ea.

BANTY HENS: range .50-1.10 ea.

LEGHORN ROOSTERS: range .15-.25 per lb.

LEGHORN HENS: range .04-.10 lb.

CAPON: 11-13 lb. range .36-.88 per lb.

GEESE: 8-15 lbs. range .30-.94 per lb.

TURKEYS: 19-33 lbs. range .36-.40 per lb.

PIGEONS: range 1.00-1.50 ea.

WHITE PIGEONS: range 1.25-2.00 ea.

RABBITS: 4-6 lbs. range .70-1.04 per lb.

RABBITS: 7-11 lbs. range .60-.88 per lb.

GUINEA PIGS: range .25-1.00 ea.

GOATS: range 32.00-65.00 ea.

KID GOATS: range 30.00-37.00 ea.

TOTAL AMOUNT COOPS: 858.

Philadelphia Eggs

Wednesday, Dec. 29
Report supplied by USDA

Prices to retailers: Sales to volume buyers, consumer grades white eggs in cartons delivered store door:

A Extra Large 73-80; A Large 71½-74; A Medium 56½-60.

Eastern Pa. & N.J. Poultry

Wednesday, Dec. 29
Report supplied by USDA

Light Type Hens: 7½-8, mostly 8 prices paid at farm.

F.O.B. plant: 9-10.

Heavy Type Hens: TFTR.

Delmarva Poultry

Wednesday, Dec. 29
Report supplied by USDA

Today's LT.L. asking prices unchanged on U.S. Grade A at 44-47½ cents.

Estimated slaughter of broiler fryers in Delmarva (000).

Estimated 12/29 1,855; Actual 12/22 1,745; Actual 12/27 1,731; Average Weights 12/27 4.24; 12/20 4.32.

New York Multiple Drop Broiler Report

Wednesday, Dec. 29
Report supplied by USDA

Current broiler/fryer negotiated prices for immediate delivery includes mostly multiple-drop shipments to New York City from Delmarva.

RANGE: U.S. Grade A 44-47; 1,285 boxes; Branded U.S. Grade A 47-47½; 5,982 boxes.

WTD. AVG.: U.S. Grade A 45.44; Branded U.S. Grade A 47.09.

East Coast Carlot

Wednesday, Dec. 29
Report supplied by USDA

Compared to Tuesday's close: Prime special fed veal generally steady. Good and Choice boning veal steady to 2.00 lower. Compared to last week, lamb 5.00 to 7.00 higher.

Compared to last week: Prime special fed veal generally steady. Good and Choice Boning Veal steady to 1.00 higher. Lamb 5.00 to 7.00 higher. Boneless beef not established. Beef trimmings firm in limited test and comparison.

VEAL CARCASS
170 Head
Prime (Special Fed)
Hide On

180-240 lbs. 168.00-173.00, generally steady.

Good & Choice
Boning Type
Hide On

Northeastern Suppliers: All steady to 2.00 lower. 65-75 lbs. 78.00-80.00; 55-64 lbs. 76.00-78.00; 45-54 lbs. 74.00-76.00; 35-44 lbs. 72.00-74.00; 34 lbs. down 70.00-72.00.

Inshipped: All generally steady. 71-80 lbs. LTD 84.00; 61-70 lbs. LTD 82.00; 51-60 lbs. LTD 80.00; 41-50 lbs. LTD 78.00; 30-40 lbs. LTD 76.00.

LAMB CARCASS
Choice & Prime 3-4
3 Loads

Compared to last week: 55 lbs. down 123.00, 5.00 to 6.00 higher; 55-65 lbs. 120.00, 7.00 higher; 65-75 lbs. 115.00, 7.00 higher.

CURED AND PROCESSED MEATS

No sales reported.

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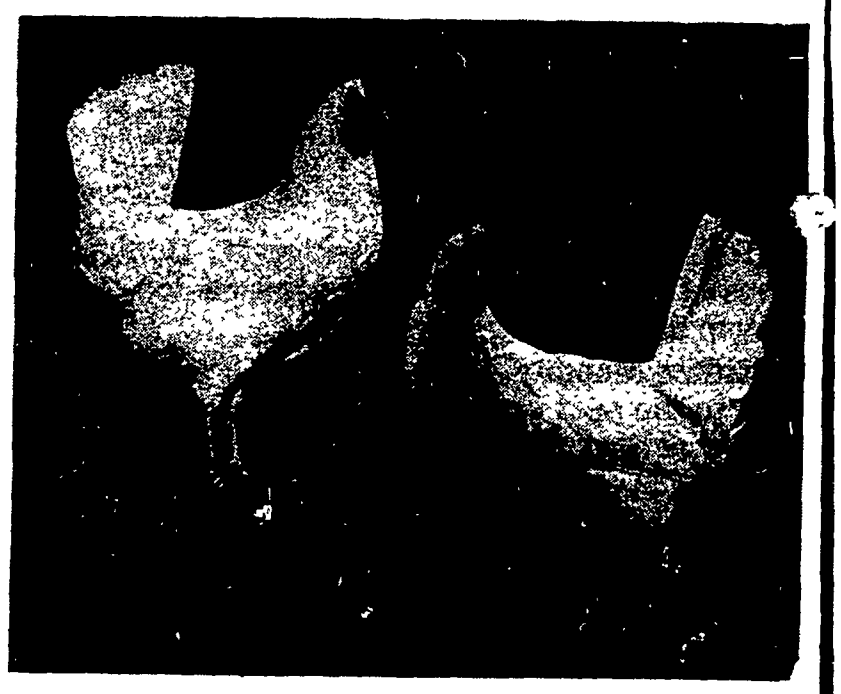

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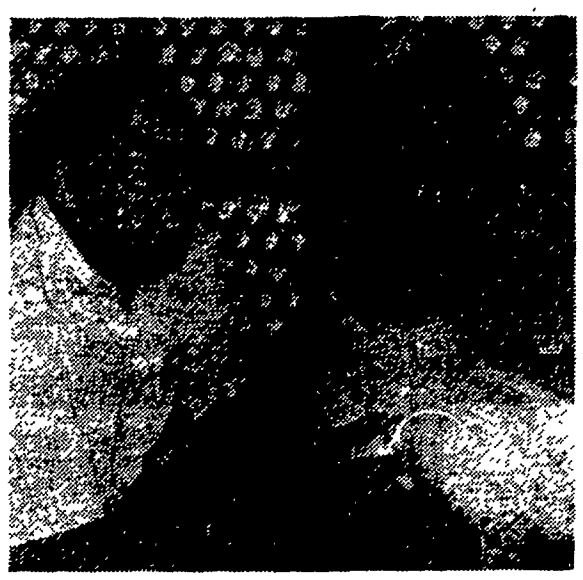

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Livestock market and auction news

Hay Markets

New Holland Hay
New Holland Sales Stables
Monday, Dec. 20
Report supplied by auction
98 loads hay and 31 loads straw.
Alfalfa 86.00-148.00; Mixed Hay 68.00-128.00 mostly 80.00-117.00; Timothy hay 80.00-120.00 mostly 97.00-108.00; Clover - Few 87.00-111.00; Stubble Hay - one load 46.00; Straw 69.00-97.00; Ear Corn - 10 loads 60.00-74.00; Corn Fodder, 2 loads 47.00-57.00.

Vintage Hay
Wednesday, Dec. 29
1 and 2, 205-235 lbs. 56.00-57.35; 2 and 3, 200-245 lbs., 55.00-56.00; Sows, 300-500 lbs., 42.00-45.00; No boars; Lightweights, 180-195 lbs., 51.00-54.00; Heavyweights, 260-325 lbs., 49.00-54.00.

Good's Hay
Leola, Pa.
Wednesday, Dec. 22
Report supplied by auction
98 loads hay and 26 loads straw.
Alfalfa 76.00-168.00, mostly 100.00-136.00; Mixed Hay 52.00-142.00, mostly 80.00-112.00; Timothy hay 82.00-108.00; Clover, few 67.50-82.00, one 107.00; Grass, few 60.00-80.00; Straw 57.00-80.00; Ear Corn, 6 loads, few 66.00-75.00; Corn Fodder, one load 50.00.

Leinbach's Hay
Shippensburg, Pa.
Tuesday, Dec. 28
Report supplied by auction
22 loads.
Alfalfa 115.00-145.00; Mixed 80.00-129.00; one Timothy 86.00; Straw 53.00-60.00; one Corn Fodder 60.00; 3 pickup loads of wood 24.00-35.00.

Kiester's Hay
Middleburg, Pa.
Wednesday, Dec. 29
Report supplied by auction
40 loads hay: Timothy 50.00-76.00; Mixed 64.00-100.00; Alfalfa 90.00-134.00.
12 loads of straw: 50.00-70.00.
2 loads Ear Corn: 74.00-77.00.

Regional Hay
Friday, Dec. 24
Report supplied by PDA
(All hay No. 2 and better, prices paid by the dealers at the farm and per ton.)
Hay & Straw steady.
Alfalfa 100.00-130.00; Mixed hay 80.00-100.00; Timothy hay 75.00-90.00; Straw 50.00-60.00, few 70.00; Mulch 25.00-40.00.

Green Dragon Hay
Ephrata, Pa.
Friday, Dec. 24
Report supplied by PDA
50 loads hay and 17 loads straw.
Alfalfa few 104.00-134.00; Mixed hay 63.00-126.00, mostly 86.00-110.00; Timothy hay 93.00-107.00 Clover - two loads 82.00-108.00; Grass - one load 90.00; Straw 65.00-81.00, one load 93.00; Ear Corn 7 loads 65.00-78.00; Corn Fodder 2 loads 67.00-71.00.

Belleville Hay
Belleville, Pa.
Wednesday, Dec. 22
Report supplied by PDA
42 loads hay and 2 loads straw
Alfalfa, few 81.50-147.50; Mixed hay 52.00-122.50, mostly 60.00-80.00: Clover, one load 100.00; Straw 69.00 and 70.00.

Pa. Grain
Monday, Dec. 27
Report supplied by PDA
Compared with last Monday's market for Southeastern, Central and South Central Pa.: Corn and wheat steady to 5 cents higher. Corn and wheat steady to 5 cents higher. Barley and oats unevenly steady. New Ear Corn uneven to $2 higher.
Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton.)
Southeastern Pa.
Corn No. 2-y range 2.40-2.65, average 2.53, New Crop 2.60; Wheat No. 2 range 3.15-3.50, average 3.36, New Crop 3.35-3.45; Barley No. 3 range 1.80-2.10, average 1.95; Oats No. 2 range 1.60-2.00, average 1.79; Soybeans No. 1 5.30-5.45, average 5.36; New Ear Corn range 50.00-65.00, average 58.43.
Central Pa.
Corn No. 2-y range 2.35-2.60, average 2.45; Wheat No. 2 range 2.90-3.30, average 3.14; Barley No. 3 range 1.65-1.85, average 1.78; Oats No. 2 range 1.45-1.65, average 1.53; Soybeans No. 1 5.00-5.30, average 5.15; Grain Sorghum #2 range 2.20-2.50, average 2.35; Buckwheat range 10.00, average 10.00; New Ear Corn range 50.00-60.00, average 57.33.
South Central Pa.
Corn No. 2-y range 2.35-2.45, average 2.39; Wheat No. 2 range 2.85-2.95, few reported 3.40, average 3.01; Barley No. 3 range 1.70-1.80, average 1.78; Oats No. 2 range 1.60-1.80, average 1.68; New Ear Corn range 50.00-65.00, average 59.63.
Southeastern Central & South Central Summary
Corn No. 2-y range 2.35-2.65, average 2.47; Wheat No. 2 range 2.85-3.50, average 3.20; Barley No. 3 range 1.65-2.10, average 1.83; Oats No. 2 range 1.45-2.00, average 1.64; New Ear Corn range 50.00-60.00; average 58.42.
Western Pa.
Corn No. 2-y range 2.30-2.60, average 2.43; Wheat No. 2 range 2.80-3.00, average 2.89; Barley No. 3 range 1.80-1.85, average 1.83; Oats No. 2 range 1.40-1.70, average 1.56; Buckwheat range 9.00, average 9.00; New Ear Corn range 60.00-66.00, average 63.00.

Valley Livestock
Valley Stockyards
Athens, Pa.
Monday, Dec. 27
Report supplied by auction
Total No. of Head 465.
Holstein Hfr. Calves to 67.50; Veal Calves to 84.00; Vealer Bull Calves 55.00-72.00; Slaughter Calves 45.00-55.00; Grassers & Feeders 38.00-50.00; Lambs, 35.00-54.00; Sheep 12.00-26.00; Hogs, 200-250 lbs. 52.00-59.00; Sows 44.00-54.00; Boars 36.00-47.50; Pigs 15.00-36.00; Heifers 36.00-42.25; Steers Medium 38.00-42.25; Steers, feeder 36.00-50.00; Bulls 42.50-50.75; Cows, utility 38.50-441.75 Cows, fat 37.00-40.00; Cows, medium 36.50-38.00; Cows, poor or small 28.00-33.00; Cattle market steady; Calf market steady- light calves higher; Horses none; Ponies to 40.00; Goats 26.00-44.00; Hay mixed 60.00 per ton; Straw none.

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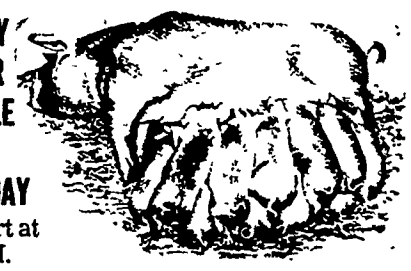
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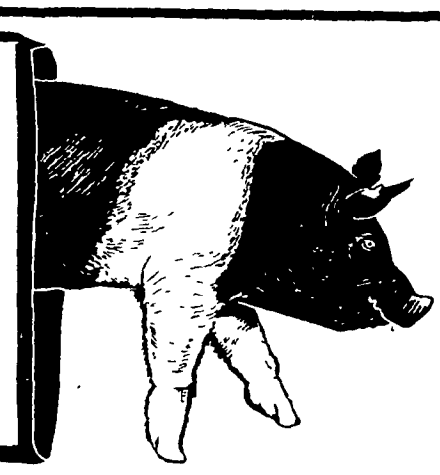
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Livestock market and auction news

Leesport Livestock

Leesport, Pa.
Wednesday, Dec. 22
Report supplied by PDA

CATTLE 230: Compared with last Wednesday's market, slaughter steers mostly 2.00-4.00 higher, slaughter cows 2.00-3.00 higher, slaughter bulls strong - 2.50 higher. Choice Yield Grade 2-4, 960-1355 lbs. slaughter steers 60.00-61.10, few down 58.75, Good 54.00-58.00, one 59.75, Standard 52.10-53.85, Few Good & Choice holsteins 52.25-56.00, few Utility & Low Standard 42.00-49.50. Few Choice slaughter heifers 52.00-55.00, Two Good 50.00 & 54.75, Few Standard 38.25-42.25. Utility & Commercial slaughter cows 39.00-42.25, few 44.25, Cutters 36.50-40.50, Canner & Low Cutter 33.00-37.85, few shells down to 28.50. Few Choice slaughter bullocks 55.75-60.75, Standard & Good 52.00-58.25, few Utility 41.50-47.00. Yield Grade #1 1175-1755 lbs. bulls 50.25-57.75, few Yield grade #2, 210-1705 lbs. 52.25-54.00. Medium Frame #1 335-870 lbs. feeder steers 50.00-55.50. Large Frame #2 245-670 lbs. feeder heifers 47.50-59.00, Few Medium #1 385-770 lbs. 45.00-52.50.

CALVES 127: Vealers, Standard & Good .50-1.00 lower. One Choice vealer 81.00, few Good 73.00-79.00, Few Standard & Good 120-135 lbs. 51.00-67.00, 90-120 lbs. 47.50-51.00, 60-85 lbs. 40.00-47.00, few Utility 50-105 lbs. 20.00-40.00. Farm calves, holstein bulls, 80-120 lbs. 59.00-77.00, few holstein heifers, 95-120 lbs. 55.00-78.00, Good & Choice 195-410 lbs. slaughter calves 47.00-51.00, few 62.50.

HOGS 160: Barrows & gilts mostly 2.00 higher. US No. 1-2, 220-255 lbs. barrows & gilts 59.00-60.50, 2 lots 61.50-62.50, No. 1-3, 210-260 lbs. 58.85-60.50, few No. 2-3, 270-350 lbs. 55.50-58.50, No. 1-3 165-195 lbs. 51.50-56.50. Sows 2.50-2.75 higher, No. 1-3 330-575 lbs. sows 48.25-50.75, few 52.00-54.50, #2-3 345-620 lbs. 45.25-48.50. Few boars 40.00-53.00.

FEEDER PIGS 154: 1 Lot #1-3 25 lbs. feeder pigs 144.00 cwt. #1-3 35-50 lbs. 123.00 cwt., #1-3 55-70 lbs. 98.00-107.00 cwt., few Utility 40-75 lbs. 60.00-61.00 cwt.

SHEEP 64: Wooled slaughter lambs uneven. Few Choice 75-105 lbs. wooled slaughter lambs 49.50-51.50, 2 lots 120-125 lb.s 45.00, Good & Choice 75-107 lbs. 48.00-50.00, Lot 66 lbs. 59.00. New Crop Choice 20-30 lbs. 150.00-160.00, Individual 65 lbs. 82.00, Slaughter sheep 20.00-30.00.

GOATS 27: 19.00-39.00 per head, One 52.50.

Eighty-Four Auction

Eighty-Four, Pa.
Monday, Dec. 27
Report supplied by PDA

CAITLE 301. Campared with last Monday's market, slaughter cows were fully steady. Few Choice slaughter steers 56.00-58.00. Few Good 53.00-56.50, Standard 46.00-52.00, Few Utility 39.00-46.00. Few Choice slaughter heifers 54.00-54.50, few good 49.00-54.00, standard 42.50-47.00, Utility 37.50-43.00. Utility & Commercial slaughter cows 37.00-41.00, few 42.00-45.00, Commercial 4-5, 35.00-39.50, Cutters 35.00-37.50, Canner & Low Cutter 30.00-35.25, Shells down to 20.00. Yield Grade #1, 1000-1800 lbs. slaughter bulls 47.00-53.00, few yield grade #2, 950-1500 lbs. 39.00-45.00. Medium Frame #1 Choice 300-500 lbs. feeder steers 54.00-62.00, Medium Frame #1 300-600 lbs. heifers 46.00-54.50, Medium Frame #1 Good 400-500 lbs. feeder bulls 51.00-57.00.

CALVES 214. Few choice vealers 90.00-99.00, good 70:00-88.00, Standard & Good 90-120 lbs. 41.00-52.00, 60-85 lbs. 35.00-46.00, few Utility 50-70 lbs. 20.000-31.00. Farm calves, holstein bulls 90-120 lbs. 57.00-68.00.

HOGS 80. Barrows and gilts 50 cents to $1 higher. US No. 1-2 200-250 lbs. barrows & gilts 57.50-58.10, No. 1-3 210-255 lbs. 57.00-57.60, No. 1-3 140-180 lbs few at 52.50-55.25. US No. 1-3 400-600 lbs. Sows 48.50-50.50. Few Boars 42.00-46.50.

FEEDER PIGS 16. US No. 1-3 40-55 lbs. feeder pigs 40.00-48.00.

SHEEP 162. Wooled slaughter lambs $1.50-2.00 higher. Choice 85-100 lbs. wooled slaughter lambs 57.00-62.50, good 85-110 lbs. 50.00-55.00. Good 60-70 lbs. feeder lambs 49.25-52.00. Sheep from $16.00-21.00 cwt.

GOATS 10. $18.00-30.00 per head.

Morrison Cove Auction

Martinsburg, Pa.
Monday, Dec. 27
Report supplied by the auction

CATTLE 125. Choice Yield Grade slaughter steers 56.75-57.75, Good 56.25-56.75, Standard 50.25-55.10, Utility 42.25-48.75. Choice slaughter heifers 56.25-57.25, Good 54.25-56.75, Standard 50.25-53.75, Utility 39.50-42.25. Utility & commercial slaughter cows 44.25-45.10, Commercial 42.25, Cutters 40.25-41.25, Canner & Low Cutter 37.25-40.25, Shells down to 33.50. Good slaughter bullocks 51.25-53.50, Standard 45.25-48.75, Utility 40.25-43.75. Yield Grade #1 slaughter bulls 48.75-53.85, Yield Grade #2 44.25-46.75. Choice feeder steers 50.25-54.75, Good 48.50-51.50, Medium 44.50-48.50. Good feeder heifers 43.50-48.50, Medium 40.25-42.75. Good feeder bulls 52.25-52.50, Medium 44.50-48.50.

CALVES 307. Prime vealers 90.50-94.50, Choice 82.50-86.50, Good 72.50-78.50, Standard & Good 110-130 lbs. 60.50-72.50, 90-110 lbs. 50.50-60.50, 70-90 lbs. 45.00-48.50, Utility 35.00. Farm calves, holstein bulls 90-130 lbs. 72.50-94.50. Holstein heifers 90-130 lbs. 52.50-68.50.

HOGS 302. US No. 1-2 200-240 lbs. barrows & gilts 58.25-60.10, No. 1-3 200-240 lbs. 57.25-58.25, US No. 2-3 200-240 lbs. 56.50-57.25, No. 2-3 200-260 lbs. 54.25-56.10, No. 1-3 180-190 lbs. 53.25-54.10. US No. 1-3 350-450 lbs. Sows 48.75-50.25, No. 2-3 450-650 lbs. 46.25-46.50. Boars 41.25-44.25, Light Weights 44.25-46.50.

SHEEP 7. Choice 90-110 lbs. Wooled slaughter lambs 51.25-54.50, Good 90-100 lbs. 48.50-51.25, Utility 40-60 lbs. 42.50-44.50.

New Wilmington Auction

New Wilmington, Pa.
Monday, Dec. 27
Report supplied by PDA

CATTLE 210. Campared with last Monday's market, slaughter cows were steady to strong. Few good slaughter steers 56.25-58.00, few standard 45.00-46.50, Few Utility 40.00-42.50. One Choice slaughter heifer 56.75, few Good 48.00-53.75, few Standard 43.75-45.25. Utility & Commercial slaughter cows 37.00-40.00, one at 43.00, Cutters 35.00-38.00, Canner & Low Cutter 26.00-35.00, Shells down to 23.00. One Good slaughter bullock 53.00, few standard 46.50-48.75. Yield Grade #1, 1235-2010 lbs. slaughter bulls 48.00-51.75, few Yield Grade #2, 570-1350 lbs. 38.00-43.00. Medium Frame #1 Choice 440-665 lbs. Feeder Steers 45.00-51.50. Medium and Large Frame #1 350-700 lbs. feeder heifers 37.00-49.00.

CALVES 302. Vealers grading $5 higher. One Prime Vealer 105.00, Choice 90.00-103.00, Good 75.00-94.00, Standard 50.00-71.00, Standard & Good 90-125 lbs. 40.00-53.00, 65-85 lbs. 34.00-41.00, Utility 45-115 lbs. 18.00-39.00. Farm calves, holstein bulls 95-135 lbs. 60.00-85.00, holstein heifers 90-130 lbs. 45.00-70.00.

HOGS 485. Barrows & gilts mostly 50 cents lower. US No. 1-2 195-250 lbs. barrows & gilts 57.00-58.00, couple lots 58.75, No. 1-3 200-250 lbs. 56.00-57.25, No. 2-3 250-300 lbs. 52.50-55.50. Sows about steady. US No. 1-3 300-650 lbs. sows 42.25-50.00. Boars 42.75-43.50.

FEEDER PIGS 44. US No. 1-3 20-35 lbs. feeder pigs 25.00-40.00 per head, No. 1-3 35-50 lbs. 38.00-50.00 per head.

SHEEP 53. Choice 85-110 lbs. wooled slaughter lambs 50.00-58.00, mixed good & choice 60-85 lbs. 58.00-63.00, few new crop 78-85 lbs. 70.00-87.00.

Westminster Livestock Auction

Westminster, Md.
Tuesday, Dec. 21
Report supplied by auction

BUTCHER COWS: Active bidding - $2 higher! High Yield 41.00-44.50; Standard & Utility 38.00-41.00; Canners 35.00-39.00; Shelly 35.00 down. Slaughter Bulls-Good 1300-1800 lb. 46.00-48.25. Fed Steers- Choice 56.50-57.75, Good 52.00-56.00, Standard Holsteins 40.00-43.00. Fed Heifers- Commercial to 45.00.

BUTCHER HOGS: Few offered. US 1 & 3 215-240 lb. 1 lot to 55.75. Few 300-350 lb. 49.50-50.00. Sows-300-450 lb. 47.00-50.74. Boars- 255-415 lb. 39.75-41.00.

VEAL CALVES: No heavy calves offered. Killers 80-100 lb. 44.00-48.00; Weak & Rough 44.00 Down.

CALVES RETURNED TO FARM: $10 higher on better quality. Holstein Bulls- Very Active! 100-120 lb. 60.00-82.00, 90-100 lb. 48.00-65.00.

LAMBS: Good Run! Choice 80-110 lb. 49.00-53.50. Good 60-90 lb. 42.00-48.00. Sheep 12.00-15.00.

STOCK CATTLE: Light Run! Steers- 1 Lot Holsteins 300-400 lb. 38.00-39.00. Few Good Beef Type 700-850 lb. 53.00-55.50. Heifers-35.00-45.00.

PIGS AND SHOATS: Large Run - Good Demand. By the Head 15-30 lb. 20.00-39.00, 30-50 lb. 35.00-50.00. By the Lb. Singles 60-125 lb. 44.00-54.00.

Valley Livestock

Valley Stockyards
Athens, Pa.
Monday, Dec. 20
Report supplied by auction

Total No. of Head 620.

Holstein Hfr. Calves to 60.00; Veal Calves to 89.00; Vealer Bull Calves 52.00-63.00; Slaughter Calves 40.00-52.00; Grassers & Feeders 34.00-50.00; Lambs, New crop to 1.00, Reg. to 52.50; Sheep 8.00-15.00; Hogs, 200-250 lbs. 52.00-61.00; Sows 42.00-46.00; Boars 41.00-47.50; Pigs, 15.00-59.00; Heifers 37.00-41.25; Steers 44.00-48.25; Steers, feeder 36.00-50.00; Bulls 38.00-50.00; Cows, utility 39.00-44.00; Cows, fat 38.50-42.00; Cows, medium 36.00-38.00; Cows, poor or small 25.00-34.00; Cattle market high; Calf market steady-light calves easier; Horses 220.00-390.00; Ponies to 50.00; Goats 46.00; Hay mixed 61.00.

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Livestock market and auction news

THE OLD FARMER'S ALMANAC

JAN. 3-9, 1983

First clear, then flakes appear.

Cut pussy willows now Bartender Fernand Petiot (inventor of the bloody mary) died Jan 8, 1975 Last quarter of the moon Jan 5 (Wed) Average length of days for the week, 9 hours, 13 minutes Fannie Farmer's last lecture Jan 5, 1915 *A shady business never yields a sunny life*

Ask the Old Farmer: Have you ever heard of the liquor, Perry, mentioned in the poetic quote "Nor let the Perry be forgot/ Delicious liquor never sour/ Butlers may strive but match it not/ With all the wines in pharaoh's tower"? H C , Atlanta

It's pear cider The name comes from the old French, who spelled it as best they could, not knowing much English, and called it "pere"

Home Hints: Compost piles covered with black plastic thaw out earlier and start working sooner

OLD FARMER'S WEATHER FORECAST

New England: Snowstorm, very beginning of week, midweek is cloudy and cold, week ends with flurries

Greater New York-New Jersey: Week is cold, with flurries

Middle Atlantic Coastal: Cloudy and cold, with flurries, all week

Piedmont & Southeast Coastal: To start, cloudy and cold, snow west, clear and cold, midweek, rain develops over weekend

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Dewart Auction

Dewart, Pa.
Monday, Dec. 27
Report supplied by PDA

CATTLE 223. Compared with last Monday's market, slaughter cows 25 cents-50 cents lower. Choice Yield Grade 2-4, slaughter steers 57.00-59.75, Good 52.25-55.00, couple 56.00, Standard 46.75-50.00. Choice slaughter heifers 55.00-57.00, few good 52.50-55.00. Utility & Commercial slaughter cows 37.50-41.00, couple to 45.50, Cutters 36.00-38.75. Canner & Low Cutter 32.75-36.00, few shells down to 22.00. Couple Choice slaughter bullocks 56.00, one Good 55.00. Yield Grade #1, 1000-2340 lbs. slaughter bulls 45.75-53.75. Large Frame #1 620-760 lbs. heifers, few 51.00-52.50, few Medium Frame #1 450-690 lbs. 34.00-42.00.

CALVES 171. Few Choice vealers 82.00-96.00, Good 65.00-75.00, Standard & Good 110-125 lbs. 50.00-60.00, 70-100 lbs. 39.00-48.00. Farm calves holstein bulls 90-130 lbs. 55.00-80.00, few at 88.00.

HOGS 353. Barrows and gilts strong to 50 cents higher. US No. 1-2 215-250 lbs. barrows & Gilts 58.50-59.20, one lote 60.60; No. 1-3 190 lbs. one lot 55.10, No. 1-3 215-250 lbs. 57.00-58.10. US No. 1-3 300-625 lbs. Sows 44.50-48.50. Boars 40.00-45.00.

FEEDER PIGS 229. US No. 1-3 20-35 lbs. feeder pigs 31.50-40.00 per head, No. 1-3 50-60 lbs. 44.50-47.50, No. 1-3 35-50 lbs. 36.50-44.50 per head, one lot No. 1-3 75 lbs. 52.00 per head.

SHEEP 9. Few Good & Low Choice 70-90 lbs. Wooled slaughter lambs 43.00-49.50.

North Jersey Livestock

Hackettstown, N.J.
Tuesday, Dec. 21
Report supplied by auction

1486 head.

Calves 10.00-107.00; Cows 33.25-42.75; Easy Cows 34.00-40.50; Reactor Cows 37.75-43.50; Heifers 30.00-51.75; Bulls 35.00-54.75; Steers 39.50-52.75; Hogs 45.00-60.75; Roasting Pigs, each 5.00-57.00; Kids 3.00-57.50; Boars 39.00-49.00; Sows 45.00-47.25; Sheep 13.00-51.00; Lambs, each 18.00-76.00; Lambs per lb. 25.00-66.00; Goats, each 15.00-77.50; Hides 3.00-8.00.

Belknap Auction

Dayton, Pa.
Wednesday, Dec. 22
Report supplied by PDA

CATTLE 41. Two Standard slaughter heifers 38.00 and 42.00, few Utility & Commercial slaughter cows 37.75-40.00, few Cutters 35.00-36.00, Canner & Low Cutters 26.50-35.00. One Yield Grade #1 1610 lbs. bull 47.00, One Yield Grade #2 1470 lbs. bull 38.00. Few Medium & Large #1 325-560 lbs. feeder heifers 41.00-43.50, few Medium & Large #2 325-720 lbs. 30.50-36.00, few Medium #1 420-545 lbs. 41.00-43.50.

CALVES 66. Vealers about steady. One Choice vealer 85.00, couple good 70.00 & 83.00, Standard & Good 90-120 lbs. 45.00-51.00, 60-85 lbs. 35.00-47.00, few utility 55-75 lbs. 30.00-35.00. Farm calves holstein bulls, 95-125 lbs. 50.00-60.00.

HOGS 107. Barros and gilts mostly $1 higher. One lot US No. 1-2, 230 lbs. barrows & gilts 59.00, No. 1-3 195-260 lbs. 57.00-58.00, with one lot 58.75. One lot US No. 1-3 192 lbs. 54.00. Few US No. 1-3 420-465 lbs. sows 65.00-47.00. One Boar 34.00.

FEEDER PIGS 28. US No. 1-3 35-40 lbs. feeder pigs 36.00-39.00 per head.

SHEEP 12. One Lot Choice 105 lbs. Wooled slaughter lambs 50.00, One lot Good 68 lbs. 45.00. Few slaughter ewes 10.00-12.50.

Penns Valley Livestock

Centre Hall, Pa.
Tuesday, Dec. 28
Report supplied by auction

Beef Cows: Utility and Commercial 38.40-41.10; Cutters 36.25-38.10; Canners 33.20-36.00; Shells 23.50.

Heifers: Standard 42.10-46.50; Commerical 36.50-40.00.

Steers: Choice 52.00-56.35; Good 48.00-50.75; Standard 40.75-45.00.

Feeder Cattle: 300-500 lbs. large frame 42.50-50.50; 500-700 lbs. large frame 36.25-38.50; 500-700 lbs. small frame 34.00-37.25.

Veal Calves: Choice 77.00-90.00; Good 65.50-76.25; Standard 52.25-64.50; Utility 39.50-50.25.

Farm Calves: Bulls 65.00-90.00; Heifers 60.00-81.00.

Hogs: 54.00-58.25.

Sows: 40.50-41.25.

Belleville Livestock

Belleville, Pa.
Wednesday, Dec. 22
Report supplied by PDA

CATTLE 90: Compared with last Wednesday's market, slaughter cows 2.00-2.75 higher. Utility and Commercial slaughter cows 37.50-41.50, couple 42.25, Cutters 35.00-37.85, Canner & Low Cutter 32.50-35.00. Yield Grade #1 bulls: Individual 815 lbs. 46.75, individual 1755 lbs. 49.00.

CALVES 152: Individual Choice vealer 72.00, Standard & Good 70-110 lbs. 43.00-50.00, Utility 50-80 lbs. 30.00-40.00. Farm calves, holsten bulls 85-125 lbs. 52.00-83.50, mostly 65.00-80.00.

HOGS 165: Barrows and gilts 2.00 higher. US No. 1-2, 210-240 lbs. barrows and gilts 60.00-60.85, No. 1-3 210-255 lbs. 58.75-59.75, One lot No. 2-3 270 lbs. 56.75, No. 1-3 300-630 lbs. sows 42.50-52.50. Few Boars 39.00-43.75.

FEEDER PIGS 380: US No. 1-3 20-35 lbs. feeder pigs 34.00-40.00 per head, No. 1-3 35-55 lbs. 39.00-50.00, No. 1-3 80-110 lbs. 56.00-63.00 per head.

SHEEP 8: Few slaughter ewes 7.50-17.50.

GOATS 4: Few 25.00-42.00 per head.

HOLSTEIN DAIRY COWS: 500-1150 lbs. 1300.00 per head.

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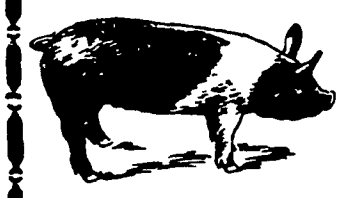

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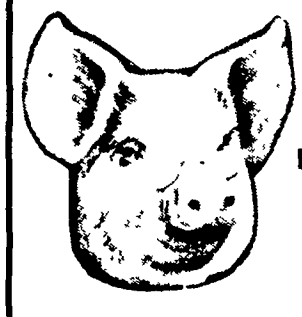

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NEXT SALE DATE FEBRUARY 18

Livestock market and auction news

Lancaster Auction

(Continued from Page A2)

Last Year				
	120	27	688	0
Wednesday's Auction				
	242	18	477	5
Last Wednesday's Auction				
	92	22	441	10

CATTLE: 325. (242 in auction) Compared to Monday slaughter steers mostly steady; slaughter heifers steady; cows fully steady; bulls 1.00 lower. Supply included 43 percent slaughter steers, 32 percent cows, 14 percent slaughter heifers and 11 percent bulls.

SLAUGHTER STEERS: Choice 2-4 1075-1400 lb 59.50-62.00, couple prime 3 1525 lb 63.10; high Good and low Choice 2-3 1050-1350 lb 57.25-60.00; Couple Choice 1490-1550 lb Holsteins 50.60-52.50; Standard 1-2 1150-1325 lb 47.50-49.75.

SLAUGHTER HEIFERS: Few head Choice 2-3 875-1050 lb 56.60-58.50; Good 2-3 850-1025 lb 50.00-53.00.

COWS: Utility and Commercial 1-3 39.25-42.75; Commercial 3-4 36.50-38.50; Cutter 1-2 36.25-39.00; Canner and low Cutter 34.00-36.75.

BULLS: Yield grade 1 1250-1880 lb 51.25-54.25; few yield grade 2 1250-1730 lb 48.10-49.75; few Good 1050-1150 lb Bullocks 52.75-54.85.

VEAL CALVES: 20. Insufficent volume for a market test, few high Good and low Choice 80-115 lb 45.00-50.00.

HOGS: 600. Compared to Tuesday barrows and gilts 1.00-2.00 lower.

BARROWS AND GILTS: US 1-2, 205-245 lb, 55.50-56.25, couple lots 56.35-56.50. US 1, 205-250 lb, 56.50-57.00, few 57.00-57.75. US 1-3, 200-260 lb, 55.00-55.50.

SHEEP: 5. Insufficent volume for a market test.

Weekly Summary

Thursday, Dec. 30
Report supplied by PDA

CATTLE: 4012. Compared with 3189 head last week, and 4197 head a year ago. Compared with last Thursday's market: Slaughter steers uneven; Sl. heifers steady to 1.00 higher; Sl. cows .25-1.00 higher; Sl. bulls 1.00-2.00 higher. Sl. steers: High Choice & Prime No. 3-4, 61.75-64.00; Choice No. 2-4, 59.75-63.00, some to 65.10; Good 54.00-60.00; Standard 47.50-55.00. Sl. heifers: Choice 55.00-59.50; Good 48.00-56.75; Standard 43.00-52.00. Sl. cows: Utility & Commercial 37.00-42.75; Cutters 36.00-40.75; Canner & L. Cutter 34.00-37.00; Shells down to 20.00. Sl. bullocks: Few Choice 57.75-59.25; Good 51.25-56.75; few Standard 45.25-48.75. Sl. bulls: Yield Grade No. 1, 1000-2100 lbs. 48.00-57.00; Yield Grade No. 2, 900-1450 lbs. 39.00-53.00.

FEEDER CATTLE: Steers, Large Frame No. 1, 300-750 lbs. 45.00-62.00; Medium Frame No. 1, 300-700 lbs. 34.00-49.00, few to 56.00.

CALVES: 2512. Compared with 2667 head last week and 2534 head a year ago. Vealers Good & Choice 2.00-5.00 higher, Standard to Good steady to 5.00 lower. Prime 90.50-118.00; Choice 82.00-110.00; Good 75.00-90.00; Standard & Good 110-130 lbs. 49.00-62.00; 90-110 lbs. 40.00-53.00; 70-90 lbs. 35.00-48.00.

FARM CALVES: Hol. Bulls 85-125 lbs. 55.00-94.00, mostly 60.00-85.00; Hol. Heifers 80-140 lbs. 45.00-90.00, mostly 60.00-80.00.

HOGS: 5759. Compared with 5950 head last week and 6715 head a year ago. Barrows and gilts steady to .50 lower. US No. 1-2 200-245 lbs. 57.00-60.00. No. 1-3 200-250 lbs. 55.00-58.25; No. 2-3 200-275 lbs. 52.00-57.00. Sows unevenly steady. US No. 1-3 300-585 lbs. 44.00-51.00; No. 2-3 300-650 lbs. 42.00-47.50. Boars 40.00-46.50.

FEEDER PIGS: 908. Compared with 1286 head last week and 1213 a year ago. Feeder pigs steady to 2.00 higher. US No. 1-3 20-35 lbs. 25.00-41.00 per head; No. 1-3 35-50 lbs. 38.00-50.00; No. 1-3 50-85 lbs. 44.50-65.00.

SHEEP: 427. Compared with 968 head last week and 590 head a year ago. Wooled sl. lambs 1.00-2.00 higher; Choice 70-110 lbs. 50.00-62.50; Good 60-100 lbs. 46.00-55.00. Sl. ewes: 11.50-24.00.

GRADED FEEDER PIGS: 2133. Compared with 2503 head last week, and 1886 head a year ago. All sales by CWT. Feeder Pigs 3.00-10.00 lower. US No. 1-2 25-40 lbs. 121.00-143.00, 40-50 lbs. 110.00-139.00, 50-60 lbs. 107.00-126.50, 60-75 lbs. 73.00-106.00; 25-40 lbs. 108.00-138.00, 40-50 lbs. 90.00-125.00, 60-75 lbs. 67.00-85.00.

Carlisle Auction

Carlisle, Pa.
Tuesday, Dec. 28
Report supplied by auction

CATTLE: Steers were steady to .75 cents higher; Heifers were steady; Cows were 1.00 higher; Bullocks were 1.25 to 1.50 higher; Bulls were steady. Steers: No Choice offered; Good & Low Good 51.60-56.25; Standard 50.75-51.50; Utility 49.00 Down. Heifers: No Choice offered; Good 52.75 (Few); Utility to Standard 43.00-44.85. Cows: Utility & Commercial 38.85-42.00; Cutter 36.00-39.25; Canner & Low Cutter 34.85-36.50; Shells 34.00 Down. Bullocks: No Choice offered; Good 54.00-54.10; Standard 47.75-49.50. Bulls: No Yield Grad No. 1's offered; Yield No. 2, 48.75.

FEEDER STEERS: Steers were 9.00 higher; Heifers were 2.00 higher; Bulls were steady to 2.00 lower. Steers: Good 445-530 lbs. 55.50-56.00; Good 455-595 lbs. 52.50-53.00; Medium 555-710 lbs. 46.50-47.00. Heifers: Medium 260-300 lbs. 37.50-45.00; Medium 480-580 lbs. 40.00-46.50. Bulls: Good 370-400 lbs. 45.00-48.50; Good 540 lbs. 45.00 (Few)

CALVES: Vealers were 3.00 higher; Farm Calves were 2.00 higher for Hol. Bulls and 3.00 higher for Hol. Heifers. Vealers: Choice 78.00-88.00; Good 70.00-80.00; Standard and Good 60.00-75.00; Light and Weak 59.00 Down. Farm Calves: Hol. Bulls 90.00-92.00; Hol. Heifers 87.00-88.00.

HOGS: .75 cents higher. US No. 1-2, 57.10-58.75; US No. 1-3, 53.85-57.00; US No. 2-3, 49.00-50.50. Sows: 1.00 higher; US No. 1-3, 48.50-52.00; No. 2-3, 44.00-47.00. Boars: Steady average 40.00-41.00.

FEEDER PIGS: US No. 1-3 22-25 lbs. 38.00-41.00 Hd. US No. 1-3 30-44 lbs. 43.00-50.00 Hd. Shoats: Up to .75 lb. (Boars)

SHEEP: Too few to test market. Goats: 24.00-57.00 Hd.

FOUR SUPER DEALS FROM AGWAY TO UPDATE YOUR MILKING SYSTEM

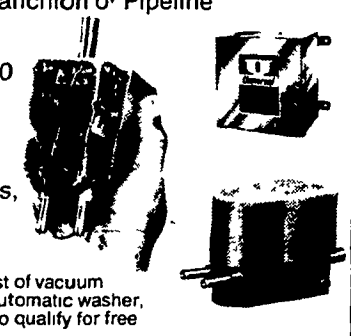
The maintenance of your milking system simply won't wait until times are better or more convenient. What you invest *today* could make the difference between profit and loss *tomorrow*.

To help you update your milking equipment system, Agway is offering four super deals on quality Universal milking equipment.

Offer good now through March 31,1983.

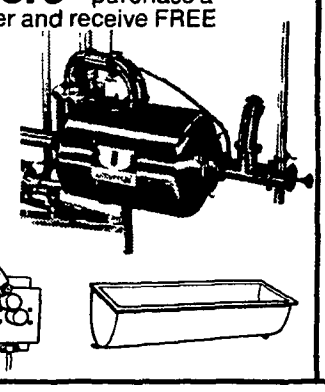
SUPER DEAL NO. 1—purchase a new, Big "U" vacuum pump (5 hp or larger) and Agway will give you without additional cost your choice of:
- A Big "U" 30 gal. Reserve Vacuum Tank, plus Vacuum Mercury Gauge, *or*
- A Big "U" Super-Efficient 2-Way Oil Reclaimer

SUPER DEAL NO. 2—purchase a complete Big "U" Stanchion or Pipeline* and get:
- A Big "U" 24-volt solid state Model 80 Pulsation System plus one or two 24V power supply transformers plus mounting platforms, clamp type or screw type

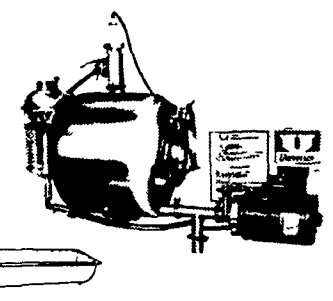


*Pipeline order must consist of vacuum system, receiver system, automatic washer, milker units and milk line to qualify for free pulsation system

SUPER DEAL NO. 3—purchase a Big "U" Jumbo Receiver and receive FREE your choice of:
- A 60 gal. stainless wash tank *or*
- A 24 V Air Injector plus Mercury Gauge, Hour Meter and 2" or 3" Stainless Filter Cabinet



SUPER DEAL NO. 4—purchase a Big "U" Super Panel Receiver 1050 and receive FREE your choice of:
- A 25 gal. or 38 gal. Stainless Wash Tank *or*
- A 24 V Air Injector, plus 2" or 3" Stainless Filter Cabinet



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Chapman 215/395-3381
Dublin 215/249-3556
Lancaster 717/394-0541
Lebanon 717/273-2621
Oxford 215/268-2043
Pleasant Gap 814/359-2722
Temple 215/929-5264
Winfield 717/523-1204
York 717/792-2674

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Off the Sounding Board

By Sheila Miller, Editor

Off to better start

New Year's resolutions.

All of us make them. But it seems that whenever a new year dawns, corn isn't the only thing carried over from the year before — most of our resolutions, jotted down on a folded and faded piece of scrap paper, are still stuffed inside our back pockets, waiting for attention.

For all of our good intentions, our purposeful directions, spelled out on that ragged-edged reminder, seem to have been forgotten during the past 365 days of planting, watching and harvesting our crops. Daily decision-making left little time for us to seriously contemplate our last year's idealistic resolves — like cutting back on corn and wheat acreage, culling off the tail-end milkers, or putting an end to pseudorabies in our swine population.

Now, as we ring in 1983 with our traditional feast of pork and sauerkraut (or oyster stew, as the case may be), it seems like as good a time as any to dig out that list of "would have liked to's" and check them off as "will do's" for '83.

As we start the new year, the farming community seems to be off to a slightly better start than a year ago. Lower interest rates have prompted a resurgence in some farm equipment purchases — the "no-frills" types of buys where essentiality is uppermost in our minds.

And, it looks as if our next year's crop might cost less than 1982's did, thanks to the lower rate of farm production loans. Any beneficial wedge that can be hammered between our cost and profit margins will be welcomed with open arms.

But, before we go out and plant from fencerow to fencerow, we have to stop and realize that although our loan rates may have dropped substantially, farmers are still looking at higher priced supplies (except for feed, that is) which inflation has increased in price by about 5 percent.

Another reason why farmers can't get carried away on the tide of optimism when planning their planting strategies for 1983 is the fact that the Administration is still attempting to come up with a "cure-all" grain program.

PIK, the payment-in-kind program proposed last month by the Administration, was filibustered into oblivion in 1982. And a new proposal will have to make its unwieldy way through Congress before any additional sustenance from the federal government will be available to nourish the almost famished farm economy although Block can proceed with the basic program outline.

In the meantime, the already implemented grain programs available through the Agricultural Stabilization and Conservation Service are good insurance for farmers who are planning feed grain and wheat plantings.

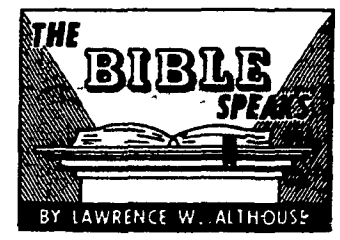
Now that the first 50-cent assessment is on the dairy industry's doorstep, what are the chances for a better year in the milking parlor? (Maybe that is something we can all put down on our list for 1984.) It looks as if our milk production will climb before it drops off any degree since most dairy producers are saying they'll add cows to offset a lower milk check. Consequently, the additional 50-cent checkoff scheduled for April will be anything but a joke to many dairy producers, unless a USDA policy-change is made early this year.

This year probably won't bring much change in the beef and poultry industries since domestic supplies are more than adequate to meet demand.And export relief doesn't appear likely since a communication's gap still exists between the U.S. and GATT. And 1983 will be filled with fond memories for pork producers who will remember 1982 as a banner year — a rarity — and a tough act to follow.

And then there's always the "good news-bad news" predictions for the new year. The good news is: farmland prices are expected to drop during the first half of 1983. Let's qualify that and say it's good news if you're in the market for more farmland. But, it's bad news if you're in the process of selling your farm.

Looking at everything as a whole, the farming community faces some old and new challenges in the 365 days ahead. Management and efficiency will be the factors by which farmers can catapult themselves over seemingly insurmountable financial obstacles in 1983 so that 1984 will be even more prosperous.

Here at Lancaster Farming, we wish you soft spring rains, warm summer sunshine and a bountiful harvest, along with the wisdom and resources needed to keep agriculture Number One in Pennsylvania in 1983.



"BY RIGHTS"
January 2, 1983

Background Scripture: Luke 7:36-50.
Devotional Reading: Luke 5:17-26.

Earlier this week I made a long distance call to a friend with whom I had not talked in approximately two years. The last time I had spoken with him he had just gone through a very traumatic experience. After two years of partnership with another man—whom I also knew—my friend returned to the office one day to find his desk cleaned out and himself persona non grata. In a very underhanded way, his associate had taken over the business, excluded my friend, and refused to pay amounts of money owed to him. I had not found his story hard to believe, because his associate had also cheated me out of some money, although of a much lesser amount.

LIFE TOO SHORT

The experience for my friend had been personally very painful and professionally quite damaging. Thus, when I spoke to him earlier this week, it was with some hesitation that I asked him whether he had ever heard anything further from his former partner and friend. "Well," he replied even more hesitantly, "yes...he's working for our firm now. His company—our company, actually—went bankrupt and he was out of a job." "You mean," I asked incredulously, "that you hired him after all that he did to you?" My friend chuckled almost with embarrassment and said, "Well, you know—life's too short for me to hold a grudge against him." And then, shyly he added, "I'm trying to be a good Christian."

I was frankly amazed. By rights, my friend had good reason to hold a grudge for the rest of his life. The things his associate had done to him were unconscionable. But my friend had realized that what life is all about is not the grudge or bitterness that we hold "by rights," but the grace of forgiveness and redemption taught and personified by our Lord Jesus Christ.

Most of us have good justification—at least, as the world sees it—for bitterness and anger towards some who have injured us in some way. Most of the people I counsel have understandable reasons for resentment towards some significant person in their lives. Often my job as counselor is to help them realize that, no matter how reasonale and understandable those bitter feelings may be, they can only continue to poison and cripple their own lives so long as they hold on to them.

WHAT SORT OF WOMAN

In Luke's story of Jesus in the house of Simon the Pharisee it is obvious that Simon had good reasons for his reaction to the sinful woman who came to annoint the feet of the Master. She was a proven sinner—of that there could be no doubt. It was entirely logical for good God-fearing people to avoid all contact with this "sort" of woman. Yet, the logic of Simon's thinking hid from him an even greater truth: he was no less in need of forgiveness than she. "By rights," Jesus should have rejected him, too. But Jesus operated, not "by rights," but by the forgiving, redeeming love of God.

NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent
Phone 717-394-6851

To Sort Tobacco

Tobacco stripping is underway in this part of the state and many hours will be spent removing the leaves from the stalk. The days of special handling and sizing seems to be over; however, it is still very important that growers sort the injured leaves from the good tobacco. This will be required if the crop is being sold on grade. With some "pull off" crops this is less important. On the other hand growers should be fair enough to sort out the undersirable leaves. If this is not done, the buyer will be unhappy and look elsewhere for the.. tobacco supplies. Some sorting is necessary with every crop, regardless of the method of selling.

To Review Your Will

With the provisions of the Economic Recovery Tax Act of 1981, major new benefits are available in the estate planning area. The new laws prompt three major actions. First, you should thoroughly review your wills; second, examine how you own property; and third, check for application of the new tax laws to determine savings.

Everyone should have their will thoroughly reviewed if it hasn't been reviewed since September 1981. One major point of the review should be to determine ways of applying the new unlimited federal estate tax marital deduction. However, this option should be considered carefully. Medium and large estates may pay more tax if the entire estate is passed to the surviving spouse.

Consult your attorney about making necessary changes.

To Take Inventory

An area of our operation that is very important at this time of year is inventory. With the close of the year most of our farmers close-out their records for the year. This means that if you are going to have a Farm Analysis made you should take inventory of all your supplies. You'll need this to do any kind of farm analysis, because the amount of grains, hay and other supplies that are in storage will vary from year to year, and unless this is taken into consideration, you cannot have an accurate analysis of your year's operation. So, as accurately as possible, record the amount of hay, grains, feed, seeds, and fertilizer that are on hand. This is the first step in an accurate farm analysis.

To Prepare For Slippery Conditions

Slippery road, walks and steps will be a common hazard in the next few months. Many people use salt too freely in cutting the ice; it may get the job done but also may injure nearby turf or shubbery. I'd suggest the use of sand or sawdust. These materials will make the surface safe without possible injury to vegetation. In areas without any vegetation salt will give good results. Along our main highways there is some evidence that the constant use of salt is inflicting injury to nearby trees and shrubs. Don't let this happen to your favorite tree, shrub, or the turf lining your walks.

OUR READERS WRITE

A new spirit

The past year has been a chronicle of achievements and some disappointments for the mushroom industry. Aside from that, however, we enter the new year as mushroom farmers "in the spirit of freedom and the opportunity to change" as we pursue new goals.

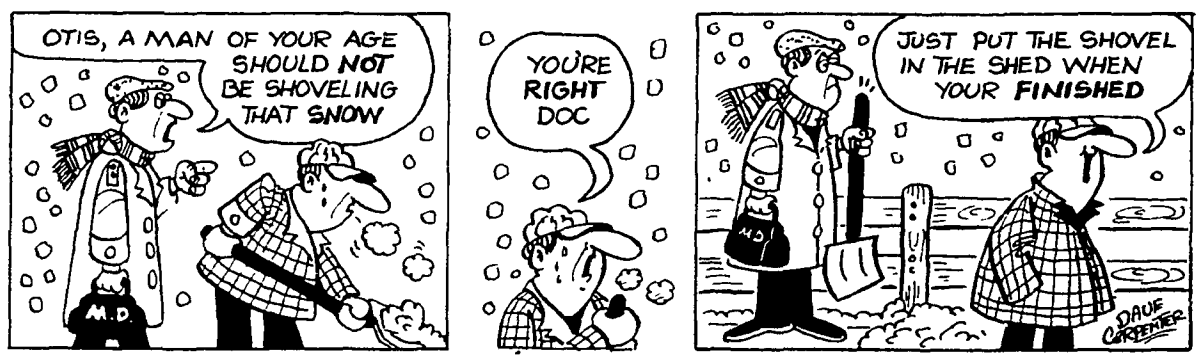
This is a very special message from the American Mushroom Institute approaching 1983 with a new spirit of optimism. This optimism is brought about because we recognize the need for change and are doing something about it.

In all change is good. But free people can help sort out the good from the bad. This sorting—this "will" to work toward idealistic goals in the common good—describes the spirit that is AMI. It is a spirit that springs from the freedom mushroom farmers cherish and support with every fiber of our being.

Without question, the next year will be crucial in the economic life of the mushroom industry, as well as a time to put into effect our plans for progress and change. We begin 1983 hobbled by accumulated problems. But despite these burdens, to a large degree, the year ahead will be only what we are willing to make it. Innovative ability of our mushroom growers and the mushroom industry's

(Turn to Page A12)

OTIS


OTIS, A MAN OF YOUR AGE SHOULD NOT BE SHOVELING THAT SNOW
YOURE RIGHT DOC
JUST PUT THE SHOVEL IN THE SHED WHEN YOUR FINISHED
M.D.
DAVE CARPENTER

HERSHEY EQUIPMENT COMPANY, INC.

SYCAMORE IND. PARK
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LANCASTER, PA. 17603
(717) 393-5807

Dear Friends,

Today we are standing at the cross-roads of a New Year. We look back to where we have been, and we see all the fine people we have had the privilege to meet and serve throughout this past year.

We also look forward to the New Year with bright anticipation; not only to a continuation of service to our previously established friends, but also to meet and serve many new friends.

We are very proud of the staff at Hershey Equipment Company, Inc., and their continued dedication towards working together to be of better service to you, our customers.

As we enter this New Year, our sincere desire for all of you is Health, Happiness and Prosperity.

Sincerely,
Don Hershey
Joyce A. Hershey

OUR READERS WRITE,
AND OTHER OPINIONS

(Continued from Page A10)

great strength lie in our diversity, in our individual efforts to do things our own way and to care enough to make sure things are done right.

In this industry and in our Association, people — in all their diversity — are most important. The months ahead are unwritten pages open to the personal impact of each of us. In the words of former President, Hoover, "the mind and spirit of man can be free only if he be free to pattern his own life, to develop his own talents, free to earn, to spend, to save, to acquire property as the security of his old age and family."

Surely the ultimate challenge of the AMI, to make these efforts — change, diversity, progress — count toward restoring the traditional prosperity of this industry and restoration of traditional American confidence in our economy and our government. We do this best by personal commitment where it counts most — in the new awakening spirit of the mushroom industry.

Jack Kooker
Executive Director
AMI

Farmers and sportsmen

I'm writing in response to the letter "Tired of Feeding Deer" (Dec. 18, 1982 issue of **Lancaster Farming**). I agree with some of the things written, but object to the statement that sportsmen are "bums" and "freeloaders."

I'm a farmer, and I own and operate a "cover-free" farm. The deer come there around April 1, have their fawns by June 1, and then leave when the corn is down.

My farm is next to a commercial hunting preserve. I too get shot at and I know cattle get shot and stolen — not by sportsmen but by the same bums that drive through hayfields, knock down standing corn, vandalize farm equipment, break into buildings and rob houses.

The groundhog problem can be helped by inviting a few responsible hunters to shoot them. Deer are a more difficult problem to solve. One landowner wants them; one doesn't. One posts his land and allows no hunting; one allows hunting.

Maybe the Pennsylvania Game Commission should take a look at New Jersey Game Commission deer management and learn something.

I belong to a hunting club, and in the fall the landowner or farmer is given a turkey, in the spring an Easter ham. And he is invited to a banquet in appreciation for hunting on the land. In time of need, if asked, many of these "bums" and "freeloaders" offer their help and services (plumber, carpenter, etc.).

I am not a letter writer, but had to reply to this one. I am a farmer and hunt the "elusive whitetails" from late September to the middle of January in New Jersey, Pennsylvania, New York with bow, shotgun, rifle and muzzleloader.

Joseph Shandor, Sr.
Phillipsburg, N.J.

Editor's Note: Damage to farmer's crops is not a new story in Pennsylvania — it's been happening ever since pioneers battled to protect their homesteads from wildlife and "two-legged attackers," But time doesn't make the losses any easier to accept.

It would certainly be an improvement if all hunters would show their heartfelt appreciation in being able to tramp across cropfields in search of game. A courteous "thank you" makes a priceless impression on most landowners. Any compensation over and above that would certainly endear those hunters to the farmer and would almost guarantee an invitation to return.

Farm Calendar

Saturday, Jan. 1

International Stockmen's School, San Antonio, Texas, continues through Thursday.

HAPPY NEW YEAR

Monday, Jan. 3

Warwick Young Farmer organizational meeting, 7 p.m., Vo-Ag Room, Warwick High School, Lititz.

Tuesday, Jan. 4

Northeastern Weed Science Society meeting, continues through Thursday, Grossinger Hotel & Country Club, Grossinger, N.Y.

Farm Financial Management Meeting, continues through Wednesday, Penn State Schuylkill Campus.

Farm Income Tax Meeting, 9:30 a.m. - 3 p.m., County Cupboard Restaurant, Rt. 15, Lewisburg.

Adams County Financial Management Workshop, 9:30 a.m., Bonanza Restaurant, 5th St., Gettysburg.

Lancaster Tobacco Show, Farm & Home Center. Entries due beginning at 9:30 a.m. Judging begins at 1:30 p.m.

Wednesday, Jan. 5

Farm Income Tax Meeting, 9:30 a.m. - 3 p.m., Leiby's Ice Cream House, junction of Rts. 443 and 309 in Tamaqua.

Hunterdon County, N.J. Board of Agriculture meeting, 8 p.m., Extension Center, Flemington, N.J.

Swine management meeting, 7:30 p.m., Union Grove Alternate School, Terre Hill, speaker is Chet Hughes, Lancaster County Extension livestock specialist.

McKean-Potter PFA directors, 7 p.m., Extension Center, Smethport.

Thursday, Jan. 6

Farm Income Tax meeting, 9:30 a.m. - 3 p.m., Cleaverack Electric Building, Rt. 6, Tunkhannock.

Annual Fayette County Holstein dinner meeting, 7:30 p.m., Glisan's Restaurant, Rt. 40 between Farmington and Markleysburg.

Adams County dairy meeting, 7:30 p.m., Vo-Ag Room, Biglerville High School.

Friday, Jan. 7

Farm Income Tax meeting, 9:30 a.m. - 3 p.m., Tri-County Electric Co-op Bldg., Manin St., Mansfield.

Saturday, Jan. 8

Pa. Farm Show Banquet, 6 p.m., Penn Harris Motor Inn, Camp Hill.

ANNUAL FARM SHOW ISSUE OF LANCASTER FARMING.

Penn State's Marshall is ASA Fellow

ANAHEIM, Ca. — Penn State's Harold G. Marshall was one of twenty-nine distinguished members who became Fellows of the American Society of Agronomy last month at the society's annual banquet. This is the highest honor members of the American Society of Agronomy can receive.

Marshall, research agronomist, USDA-Agricultural Research Service, and adjunct professor of plant breeding at Penn State, holds degrees from Purdue and Kansas State universities and the University of Minnesota. He is coordinator of the Center for Cereals Research and Location Leader for USDA-ARS.

His primary research activities are genetics and breeding of oats with major emphasis on the improvement of winter hardiness, application of controlled freezing techniques to selection and improvement of resistance to lodging. He has made several cultivar and germplasm releases in oats and buckwheat. He is an associate editor of Crop Science and has served on several CSSA committees.

Friends and colleagues within the ASA nominate those members who they believe deserve recognition for their professional achievements and meritorious service. The actual election of the Fellows is made by the ASA Executive Committee. To date there are 872 Fellows in the society. The first Fellows were named in 1924.

ANDERSON FERTILIZER

December 1982 Trailer Truckload Price List

Analysis	Bag	Analysis	Bag
5-10-10*	123.00	19-19-19	193.50
5-10-30*	148.00	20-10-10	167.00
5-20-20	158.00	28-13-13*	206.00
6-18-36*	178.00	30-10-10*	201.50
6-24-24	173.50	30-0-20*	191.00
6-26-26*	183.00	0-26-26*	174.00
7-27-11*	173.00	0-26-24* W/B	181.50
8-32-16 DAP	188.50	0-18-36*	166.50
8-32-16* MAP	200.00	0-14-42	159.00
10-20-20	168.50	0-14-40* W/B	169.50
12-24-24	190.00		
10-30-10*	185.00	46-0-0	196.00
12-36-12*	207.50	0-46-0	184.50
10-10-10*	139.50	0-0-60	135.75
12-12-12	149.00	18-46-0	215.50
16-16-16	173.50	13-52-0*	229.50

* May require minimum order

Bulk Discount Available

Is Weather A Problem?
Pre-payment locks in today's price and permits delivery over the next 8 weeks.

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Note - Market conditions may cause prices to change without notice The above prices will be honored through 1/7/82

FARM COMPUTER SEMINAR

Topics to be discussed:
- What can a computer do for me on my farm?
- How do I decide which computer to buy?
- How much will it cost?
- How do I learn how to operate it?

Plus demonstrations and operation of farm programs

Seminar will be a "hands-on" seminar, with the participants operating the computers. Wives are encouraged to attend. Apple computers will be used in seminar.
Cost Per Person...$20.00; or $25.00...For Husband & Wife, Lunch included. Call now for reservations.
Maximum number of persons per session is 20.

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HERSHEY, PA
THE OFFICE WORKS
Computer Learning Center
241 Chocolate Ave.
Hershey, PA 17033
JANUARY 18, 1983 (Open)

the Office Works

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Livestock market and auction news

Central U.S. Carlot

Thursday, Dec. 29
Report supplied by USDA

Compared to Tuesday's 4:00 p.m. report: Carcass steer beef lightly tested, steady except Choice Holsteins $1.00 higher. Heifer carcasses mostly steady. Trade moderate on Heifers slow on steers. Demand fair.

The gross boxed beef carcass cutout value advanced $.79 to an estimated $99.20 per cwt.

Sales reported on 59½ loads of steer and heifer carcasses.

STEER BEEF
18½ Loads
FOB Omaha Basis

Choice 3 600-900 lbs. 94.00, steady.

Choice 4 600-900 lbs. 84.00, steady.

Choice 2-3 600-900 lbs. 87.00 Hols. Type, 1.00 higher.

Good & Choice 600-900 lbs. 84.00 Hols. Type.

FOB Amarillo Basis

Choice 3 600-900 lbs. 94.00.

Choice 5 600-800 lbs. 81.00.

Good 2-3 600-900 lbs. 92.00, steady.

HEIFER BEEF
41 Loads
FOB Omaha Basis

Choice 3 550-700 lbs. 91.00-93.00, mostly 93.00, mostly steady.

Choice 3 500-550 lbs. 91.00, steady.

Choice 3 400-500 lbs. 90.00, steady.

Choice 4 500-700 lbs. 84.00, steady.

Good 2-3 500-700 lbs. 89.00, late 88.00, mostly steady.

FOB Amarillo Basis

Choice 3 550-700 lbs. 93.00, steady.

Good 2-3 500-700 lbs. 89.00, steady.

COW CARCASSES
17½ Loads

Cow carcasses $1.00-2.00 higher mainly west.

FOB Omaha Basis

Bkrg Utlty 3-4 450/up lbs. 68.50-69.50 (W) 1.00 higher.

Bng Utlty 2-3 400/up lbs. 72.50-73.50 (W) 1.00-2.00 higher.

Bng Utlty 2-3 400/up lbs. 71.50 (Midwest)

Cnr & Cutter 1-2 350/up lbs. 78.50 (Midwest)

Cnr & Cutter 1-2 350/up lbs. 74.50-75.50 (West)

FOB Amarillo Basis

Bkrg Utlty 3-4 450/up lbs. 71.50 (West)

Bng Utlty 2-3 400/lbs. 74.50 (West)

BULL CARCASES
2 Loads
FOB Omaha Basis

Bull 1-2 500/up lbs. 85.50-87.00.

PRIMAL BEEF CUTS
Good & Choice 2-3
4½ Loads
FOB Omaha Basis

Full Plates 54.00.

Short Plates 54.00-57.00.

BONELESS PROCESSING/ BEEF TRIMMINGS
78 Loads
FOB Omaha Basis

90% Chem Lean Fresh 110.00.

50% Chem Lean Fresh 51.00-53.00, mostly 52.00.

50% Chem Lean Frozen 52.00-54.00.

FOB Amarillo Basis

90% Chem Lean Fresh 114.00.

85% Chem Lean Fresh 106.00.

50% Chem Lean Fresh 51.00.

Compared to Tuesday's 4:00 report: Loins unevenly steady. 17-20 lb. hams $3.00 to $3.50 lower with other weights not tested. Bellies steady to $2.00 lower. Trading slow. Demand continues light to moderate for limited offerings.

Sales reported on 34 loads and 4 loads of trimmings.

FRESH PORK CUTS

LOINS: Regular - 14/dn lbs. 112.00; 14-17 lbs. 110.00-111.00, steady; 17-22 lbs. 96.50-100.00, unevenly steady.

BOSTON BUTTS: 8/up lbs. 85.00, 4.00 higher.

HAMS (Skinned): 17-20 lbs. 87.00, 3.00-3.50 lower.

BELLIES: Sdls-Skin on: 14-16 lbs. 74.00-75.75, late 74.00, 1.00 lower; 16-18 lbs. 71.00, 2.00 lower; 18-20 lbs. 64.00-66.00 PL's, 1.00-2.00 lower; 20-25 lbs. 61.50, steady-1.00 lower.

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72% bnls picnics fresh 86.50.

For The Week: 14-17 lbs. $1.00 to $2.00 lower, 17&up lbs. $1.50 to $5.00 higher. Picnics steadyt o $1.50 higher. Boston Butts steady to $4.00 higher. Spareribs steady to $1.00 higher. Hams steady to $3.00 higher. Bellies steady to $2.00 lower. Pork trimmings & bnls processing pork steady to $2.50 higher except 72% trimmings $2.00 to $4.00 lower.

G&M Livestock

Monday, Dec. 27
Duncansville, Pa.
Report supplied by auction

STEERS: High Choice and Prime 58.00-61.00; Good to Choice 54.00-58.00; Standard to Good 50.00-54.00; Utility 42.00-50.00.

HEIFERS: High Choice and Prime 54.00-58.00; Good to Choice 50.00-54.00; Standard 46.00-50.00; Utility 42.00-46.00.

FEEDER STEERS: Good to Choice 300-600 lbs. 48.00-58.00. Feeder Heifers 38.00-48.00.

BULLS: 1100-1970 lbs. 48.00-56.00; 900-1100 lbs. 46.00-54.00.

COWS: High Choice to Prime 43.00-45.00, couple to 47.00; Good 40.00-43.00; Standard 38.00-40.00; Utility 34.00-38.00; Cutters 32.00-34.00; Canners Down to 30.00.

CALVES: High Choice none offered; Good to Choice 70.00-85.00; Standard to Good 50.00-70.00; Utility down to 35.00.

FARM CALVES: Hol. Bulls 100-120 lbs. 80.00-96.00; Hol. Heifers 90-120 lbs. 55.00-78.00.

FEEDER PIGS: 25-35 lbs. 25.00-35.00; 35-50 lbs. 35.00-55.00.

HOGS: 200-240 lbs. 57.00-59.85; 170-300 lbs. 54.00-58.00.

SOWS: 300-600 lbs. 48.00-56.50.

BOARS: 43.00-47.75.

LAMBS: 46.00-54.00.

SHEEP: 12.00-20.00.

GOATS: 15.00-28.00.

New Holland Dairy

New Holland Sales Stables
Wednesday, Dec. 29
Report supplied by auction

Reported receipts of 79 cows, 63 heifers. Market lower.

Load of PA cows 875.00-1175.00; Load of PA cows 710.00-1020.00; Load of PA springers 710.00-960.00; Load of Franklin Co. cows 600.00-1100.00; Load of PA cows 750.00-1210.00; Load of PA cows 1025.00-1325.00.

Locally consigned cows 590.00-950.00; Springing heifers 510.00-1185.00; Open heifers 240.00-490.00.

New Holland Horse

New Holland Sales Stables
Monday, Dec. 27
Report supplied by auction

Reported receipts of 154 head of horses, mules, and ponies. Market: stronger.

Local Better horses 475.00-1000.00; Driving horses 350.00-775.00; Riding horses 300.00-450.00; Lightweight killers 350.00-450.00; Heavyweight killers 475.00-575.00; Mares 65.00-100.00; Colts 15.00-30.00; Geldings 65.00-100.00; Larger ponies 125.00-175.00.

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Columbia, Pennsylvania

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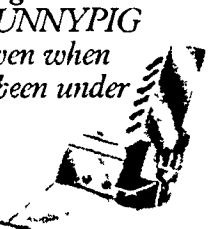

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Catfish are catchin' on

By Debra Mohr

ST. LOUIS, MO. — Wander down to the pond and we'll let you in on a little secret. The catfish. They're not just for the South anymore. Pass the word to a soybean farmer.

More and more people are eating catfish outside of the South and lower Midwest, areas where the catfish is known and loved. Sales are up 60 percent over last year, say catfish industry sources. What's spawning this growth? Word of mouth mostly, the mouth being most intimately involved in the enjoyment of the dish.

"If we ever get you to eat it one time, you'll eat it again," says Mississippi catfish farmer Lester Myers.

In this case, what's good for the catfish farmer is also good for the soybean farmer. That's because soybeans constitute a big portion of the catfish diet. Catfish farmers in Mississippi, where roughly 90 percent of all catfish is produced, feed their fish more than 2.3 million bushels of soybeans a year, or about one-tenth of one percent of the total U.S. crop.

These catfish are being transferred from pond to truck to be hauled to a catfish processing plant in Indianola, Miss. (Photos by Stewart Reeve, American Soybean Association).

Workers send catfish through super-chill processor at plant in Indianola, Miss.

Soybean farmers realize the catfish industry represents a huge market for soybean meal," says Ken Bader of the American Soybean Association. "Through the soybean checkoff program, Mississippi farmers have funded a research project on catfish feed processing at Mississippi State University. This is just one of several checkoff-funded soybean-rish promotion programs around the world."

In the pond, these bewhiskered fish are virtual meat machines. It takes from 1.5 to 1.7 pounds of feed to make one pound of catfish. But until five or six years ago, no one knew the exact nutritional requirements of the fish. Feeds were formulated on a trial-and-error basis.

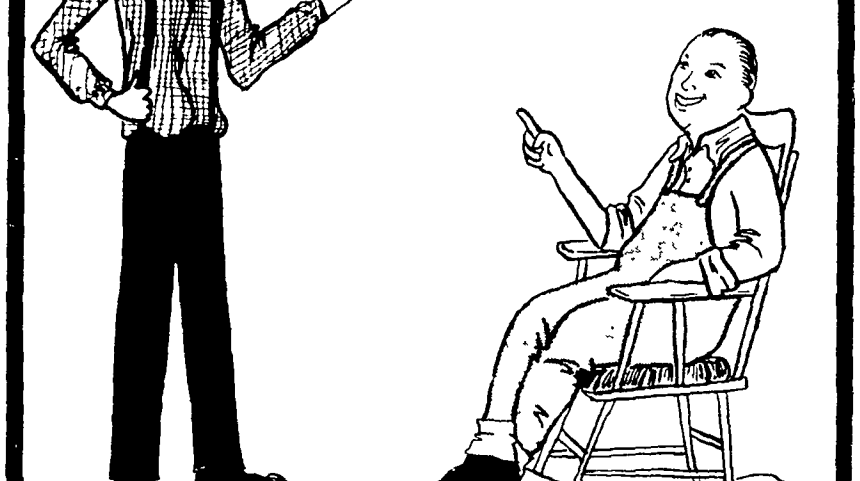
Researchers now know what a catfish needs to eat. Roughly half the ration is soybean meal, one-third corn meal, and the rest wheat, fish meal, vitamins and minerals. The question now is how to come up with the most economical formulas, based on feed prices, and still meet the nutritional needs of the fish.

"Feed cost is about 50 percent of the cost of producing catfish, so

(Turn to Page A24)

Do you know what, Jake? Did you hear if BINKLEY & HURST BROS. are having their CONSIGNMENT AUCTION this year?

My goodness, YES, Luke! They're having that sale SATURDAY, FEBRUARY 19th. I can hardly wait!



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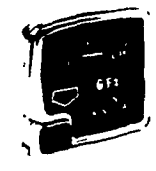

See your local New Holland Supply Company dealer for more details.

Are we running out of farmland?

UNIVERSITY PARK — "Most people believe that Pennsylvania farmland acreage has been decreasing," said Donald J. Epp, professor of agricultural economics at Penn State.

"They're correct, up to a point," he says, explaining that the past few years, diminishing farmland has become an issue, not only in Pennsylvania, but all over the country, However, there are conflicting statistics on whether land is actually diminishing, he adds.

Many respected research organizations have taken on the task of researching just how much land is being lost and what is happening to this lost land. Farmland in Pennsylvania is decreasing according to figures from the 1978 Census of Agriculture by the U.S. Bureau of Census. In 1969, Pennsylvania had about 8,900,000 acres of land in farms. By 1978, this total has decreased to 8,750,000-a loss of 150,000 acres during this nine year period.

According to Epp, who is also assistant director of the Land and Water Institute, some areas have lost more land than others, while some areas are actually gaining farmland. This increase in farmland came in Beaver, Blair, Centre, and Northampton counties. These increases come from the clearing of new lands from forests or the reuse of lands that have been previously off limits.

Many areas are losing acreage of prime farmland to development. In Lancaster County, 21,200 acres have been lost between 1969 and 1978. Greene County lost 21,200 acres, while Bucks and Washington counties lost between 8,000 and 9,000 acres each.

"The one conclusion that can be drawn is cropland acreage expands as well as contracts," says Epp. "Cropland that goes out of production in Pennsylvania is not just being converted to shopping center, parking lots, and housing developments. Many times the land that goes out of production is left idle. This land is not considered cropland."

Attempting to alter this trend in farmland use, the Pennsylvania General Assembly has passed several important acts to try to keep farmland in production throughout the state.

In 1966, Act 515 was passed. This act allows county governments to covenant with landowners to keep land in agriculture use for a specified number of years. If market value of the property is reduced because of the covenant the assessed value of the property and real estate taxes will also be reduced. Although this law has been put into effect in certain areas, provisions of the law make it unattractive to many municipalities, according to Epp.

Act 319 was passed in 1974 after the addition of the 1972 "Clean and Green" amendment to the constitution. Act 319 allows farmland and forests to be assessed on the basis of market value in farm or forest use. Lower taxes can be obtained if two provisions are met: if there is significant pressure on the local land market to convert the land to nonfarm use; of if the property was recently reassessed. For most municipalities, no noticeable shift in tax burden is felt, notes Epp.

A recent survey by the Pennsylvania Department of Agriculture shows 31 counties have some land taxed under the provisions of Act 319.

Another act to help preserve Pennsylvania farmland is Act 43 which allows municipal governments to create zones where agriculture is the preferred use. Within the issues of farmland preservation, many legal means have been developed to try to combat the problem. However, specific community problems make resolving the problem with one state law impractical, concludes Epp.

Pepper wins CIBA-Geigy award

ANAHEIM, Ca. — Ian L. Pepper, associate professor of soil science, the University of Arizona, Tucson, received the 1983 CIBA-Geigy Award in Agronomy last month at the American Society of Agronomy annual banquet.

The award, which includes a paid European trip, is given in recognition of outstanding service to one or more of the agronomic professions.

Pepper's major research interests include biological nitrogen fixation by desert legumes, with special emphasis on rhizobiology. His research program on wastewater reclamation by means of a soil-turf filter has been of special interest to the southwestern United States. Additional research on heavy metal uptake by plants led to his being an invited member of a national Council for Agricultural Science and Technology task force on potential hazards of sludge applied zinc and cadmium.

He received his bachelor's degree in chemistry from the University of Brimingham, United Kingdom, and his master's and doctoral degrees in soil microbiology and biochemistry at Ohio State.

Cecil Co. employs micro-computer

ELKTON — The Cecil County Cooperative Extension recently announced plans to provide service of a new micro-computer to Cecil County residents through county agricultural, home economics and 4-H agents. The county's small business computer is among the most powerful of currently available micro-computers in terms of computing speed and data storage. An all-in-one model unit includes a built-in, 12-inch black and white video screen, two eight-inch floppy disk drives (its memory system) and a detachable keyboard similar to that of a standard I.B.M. typewriter. A word quality printer is also included.

The eight-inch diskettes (resembles a 45 rpm record) costs $5.50 and can store information equal to what would be produced by typing 70 words a minute nonstop for 24 hours.

With the acquisition of some agricultural software (i.e. cost production, analyzing grain storage decisions and formulating dairy cow rations) the extension will in the near future be making this micro-computer available to you as an educational tool.

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Brazil phases out egg subsidy, UEP says

DECATUR, Ga. — United Egg Producers' repeated "attacks" on the illegal trade practices of selected world market competitors have hit their mark. The Brazilian government agreed t phase out their egg subsidy ogram to realize a $4.5 billion c dit through the International Mo ary Fund.

UEP takes credit r removing these trade barriers by alerting the Administration that recent loans to Brazil were financing export activities in direct competition with U.S. producers. At UEP's Washington, D.C. demonstration on Dec. 10, egg producers staged a rally at the Capitol steps by handing out 2,000 dozen cartons of eggs. They also visited the offices of every congressman and senator to hand out eggs and a position statement noting that the $1.2 billion U.S. loan to Brazil was an insult to agriculture. It added that Brazil had recently signed a contract with Iraq to deliver 60,000 metric tons of poultry priced $400 per ton below the sales price of U.S.-produced poultry.

UEP Chairman Ed Houston, Lumber City, Georgia, and Al Pope, UEP president, called this newest development in world market competition a shining example of producers working together to effect action in Washington, D.C. "The administrative officials responsible for this tactical maneuver through the International Monetary fund are to be commended," said Houston.

Pope added, "On top of this action, USDA, sympathetic to the plight of egg producers, purchased an additional 1.14 million pounds of frozen chicken patties for school lunch and other federal feeding programs."

This purchase removed 1.84 million pounds of fowl from current production, further reducing the surplus egg condition. Since the chicken patty program was announced on Aug. 20, USDA's Agricultural Marketing Service has purchased 12.12 million pounds of chicken patties produced from 19.5 million pounds of fowl. The total commodity cost for the chicken patties has been $14.38 million.

Animal dealer pays fine after reindeer die

WASHINGTON, D.C. — Robert Troumbly, in business as Northland Wildlife of Bovey, Minn., has agreed to pay a $500 fine to settle a U.S. Department of Agriculture charge that he violated federal transportation standards during a shipment that resulted in the death of 11 reindeer.

Wien Air Alaska, which carried a shipment of 17 reindeer for Troumbly from Nome, Alaska, on July 2, 1980, had already paid a $500 penalty.

Dr. Richard Rissler, veterinarian in charge of animal care work in the field for USDA's Animal and Plant Health Inspection Service, said, "This is the first case in which a shipper and an airline both paid fines in connection with the same alleged violation of the Animal Welfare Act.

"This demonstrates that proper care for traveling animals is a shared responsibility."

Although two of the 11 reindeer that died were examined by a veterinarian afterwards, the exact cause of death could not be established, Rissler said, but that USDA investigators found the crates in which the reindeer had been shipped lacked adequate ventilation. The crates also didn't have projecting rims or spacer devices to keep ventilation openings from being blocked.

Rissler said that the crates also lacked handholds or devices to move the animals without tilting the crates. There were no written feeding or watering instructions with the shipment, and the crates did not have the required "live animal" markings, he said.

To settle the USDA charge, Troumbly used a provision of administrative law that permits him to accept a fine and a cease-and-desist order from an administrative law judge without admitting or denying the charge. The order is a type of permanent injunction; future violations can result in fines up to $500 for each day a violation occurs.

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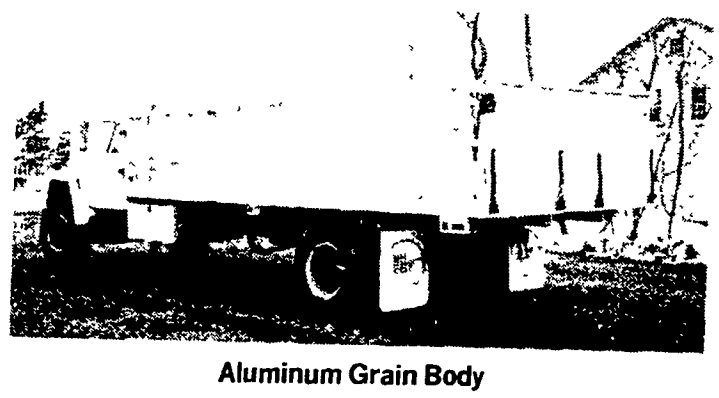

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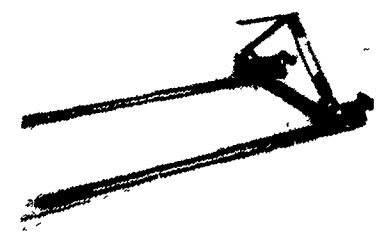

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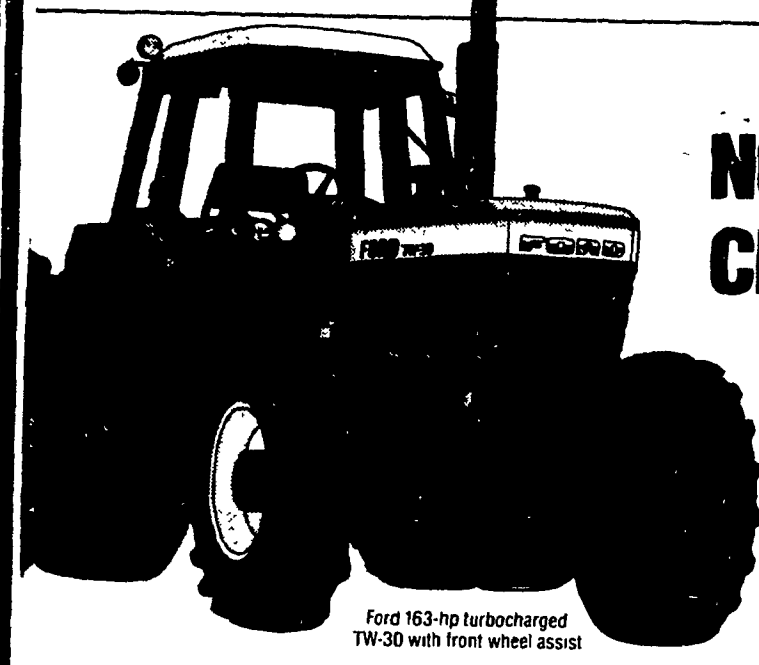

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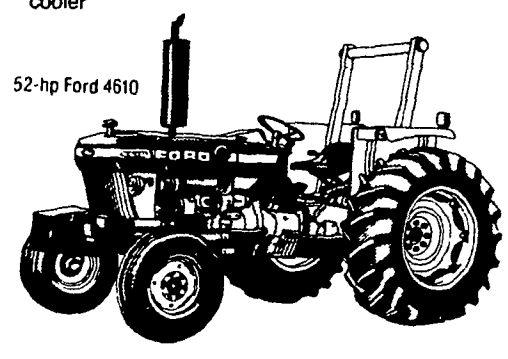

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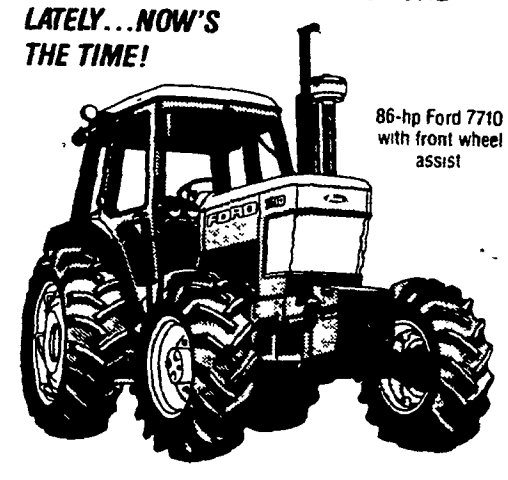

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Bollingers prove bigger isn't always better

NEWMANSTOWN — Harold and Donald Bollinger of R1 Newmanstown, have proven that you don't need hundreds of cows and thousands of acres of cropland to be successful in dairy farming.

With 46 registered Holstein milk cows production an average of 20,884 pounds of milk last year and just 125 acres of highly productive crops to feed these cows, their dairy income shows that bigger is not necessarily better.

In addition to their productive herd, the father and son team raises 72,000 broilers to diversify farm income. The poultry, raised under contract, helps them plan a cash flow that is unaffected by day-to-day market fluctuations.

The Bollingers who will receive the 1982 Master Farmer award grow just 35 acres of alfalfa to help meet cow roughage demands. However, their 1982 alfalfa crop averaged 10.2 tons per acre which earned them the reserve grand championship in the Alfalfa Growers Contest sponsored by the Pennsylvania Forage and Grassland Council and Cooperative Extension Service. The winning crop tested 17 percent crude protein and 10,081 pounds of total digestible nutrients per acre.

"We produce 90 acres of corn, 50 acres of this for grain and the rest for silage," Harold Bollinger said. "The corn grain produced about 150 bushels per acre and the silage averaged over 25 tons to the acre."

Newton Bair, Lebanon County Extension agent, pointed out that the Bollingers use Penn State College of Agriculture recommendations to plan their cropping programs. They apply fertilizer according to soil tests and feed their herd by using Dairy Herd Improvement Association records and approved ration formulations.

The new Master Farmers band seed their alfalfa crops using 300 pounds of 2-9-27 liquid fertilizer and 2 to 4 pounds of boron. After the first cutting, another 500 pounds of 10-10-10 dry fertilizer are applied. They spray for leafhoppers, a damaging insect, after the first and second cuttings.

Eventually, the Bollingers may no-till their alfalfa. Most of the corn is already no-tilled.

"We feel no-till will have to be used wherever possible to save soil and moisture. We've planted our corn by the no-till method for six years with excellent results," Donald Bollinger noted.

High crop yields do not overshadow the milk production of the herd. One cow, Willow Maple Reflection Mae, almost 16 years old when she died, made a national record in 1981. The cow produced more than 300,000 pounds of milk in her lifetime.

"We follow a rigid culling program. If a cow doesn't meet our required production standards, we don't keep her in the herd," Donald pointed out.

Along with good breeding and culling programs, of course, is a good feeding system. The Bollingers have six different rations worked out for their cows. Three are for the milking herd, depending on production, and three for the replacement calves and heifers, depending on their age.

"Roughage for the cows includes hay, corn silage and haylage," Harold said. "Corn silage and haylage are fed free-choice. They also get shelled corn, oats, and trace minerals according to production."

The new Master Farmers have found that maintaining herd health is as important as any management system. In the early 1970s, they were faced with twisted stomachs in 40 percent of their cows. Surgery was required. Following the advice of Penn State veterinarians, they solved the problem with selenium injections.

To improve the health of their calves, they remodeled part of the barn so the environment can be controlled. They also built calf hutches, using Penn State Extension plans.

"We share responsibilities for the dairy operation, but Donald is in charge of the broiler flock," Harold emphasized. "We build the first environmentally-controlled poultry house in 1966 and added a second one 3 years later."

The Bollingers raise an average of six flocks each year. Since bonus payments are part of the contract, Donald has been working on ways to reduce costs. Some of the latest improvements include feed regulators and waterers.

Both Master Farmers are active in community and farm organizations. Harold served on the school board for 12 years and was a local Republican committeeman for 9 years.

Harold also served as president and vice president of the Lebanon County Dairy Herd Improvement Association and was on the state board in 1975. He was secretary of The Lebanon County Holstein Club and served as a member of the Cooperative Extension Service executive committee. He was recipient of the Elco Future Farmers of America Honorary Chapter Farmer Degree, Honorary County Farmer Degree, and Honorary Keystone Farmer Degree.

Both Harold and Donald were named Lebanon County Conservationists of the Year in 1974.

Donald served as president and treasurer of the Lebanon County Conservation District, was vice president of the Holstein Club, and president of the Lehigh Valley Cooperative local. He also served as president, vice president, and secretary of the Elco Young Farmers. He was selected their Outstanding Young Farmer in 1977.

Eight-year-old Steven Bollinger is obviously proud of grandfather Harold, left, and father Donald Bollinger. The two Lebanon County dairymen are among the honored few who have been selected as 1982 Master Farmers.

Perry Co. dairymen share in 1982 Master Farmer honors

LOYSVILLE — William Martin and sons, Keith and Edward of R1 Loysville, Perry county have that special touch needed to operate a highly successful dairy enterprise. Their cropping programs and milk yields from a productive herd are the envy of most dairy producers in the Commonwealth.

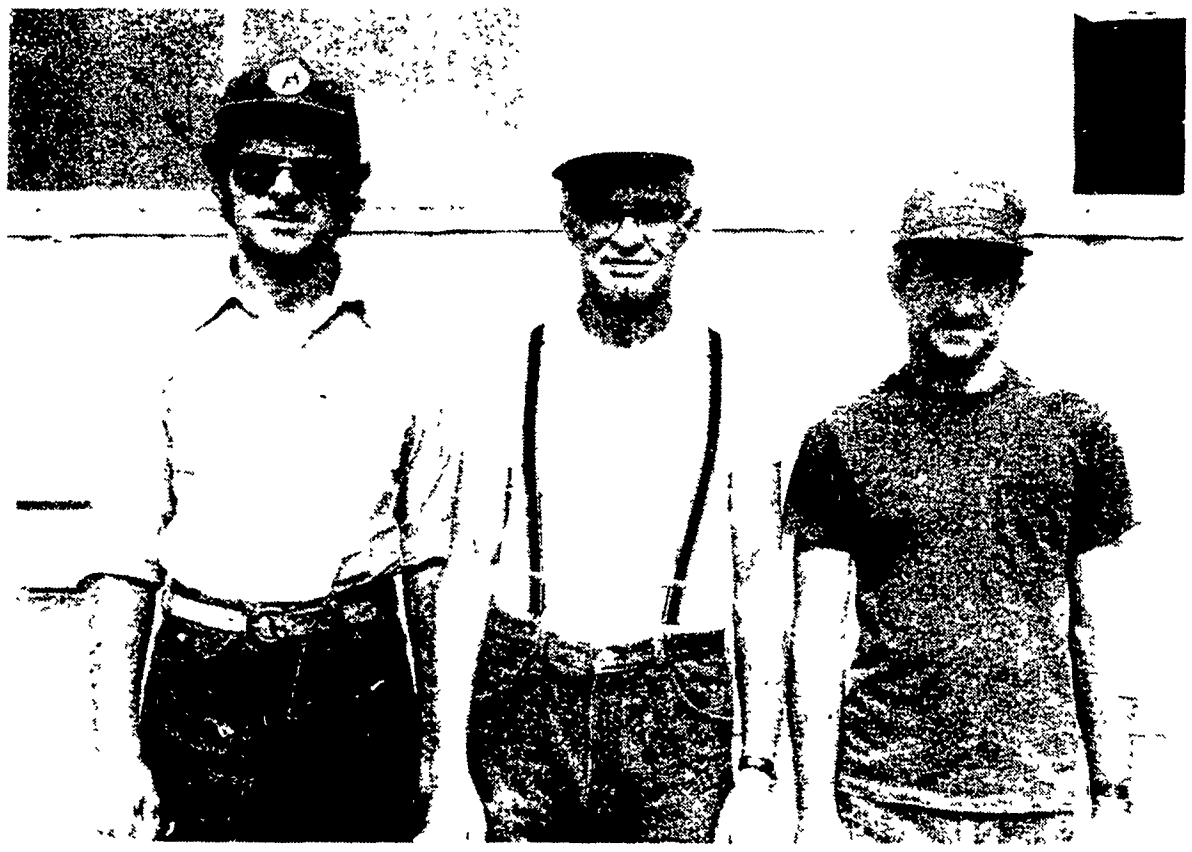
Last year, the 155 registered Holsteins owned by these dairymen produced more than 2.3 million pounds of milk, and the 410 acres of high quality crops grown to feed these cows yielded tonnage that was well above the state average.

For their business expertise and management efficiency, the three have been named Master Farmers for 1982. Formal award ceremonies will be held Jan. 11 at a special luncheon in Harrisburg. The Martins will be inducted into the Pennsylvania Master Farmers' Association whose membership consists of all former award winners.

William, the third generation of Martins to live on the home farm, worked for his father, then joined in a partnership. In 1951 he purchased the business and in 1959 bought an additional farm. After leasing 180 acres for 4 years, he purchased that land in 1970.

"With two boys interested in farming, we entered into a partnership arrangement in 1973," William Martin said. "At that time we built a 160-cow free stall, drive-through barn with a carousel milking parlor to expand cow numbers and make milking more efficient."

Since the partnership was formed, cow numbers jumped from 63 to the present 155. Milk production, in that time, increased by an average of 2,000 pounds per cow. Presently, production averages more than 18,000 pounds of milk and almost 700 pounds of butterfat.



William Martin, center, of R1 Loysville, and sons Keith, left, and Edward, right, have been selected 1982 Master Farmers. The Perry County farmers own a herd of 155 registered Holsteins and farm more than 400 acres. They will receive their special recognition at a luncheon on Jan. 11 in Harrisburg.

High quality feed is necessary to produce high milk yields. They grow 120 acres of alfalfa, 70 acres of legume and grass mixtures, 110 acres of corn for grain, and 70 acres of corn for silage.

"During the years in our partnership, we have almost doubled alfalfa and corn yields," Edward Martin emphasized. "We've done this primarily by following soil test recommendations for lime and fertilizer, contour stripping, and using selected certified seed."

For three years the Martins won blue ribbon awards in the statewide 5-Acre Corn Growing Contest and received the Pioneer Award for the highest corn yield in Perry County.

The new Master Farmers, to reduce labor in handling animal wastes and to make the most efficient use of its fertilizer value, installed a modern ground embankment manure pit. Wastes are transferred to this pit from the barn by using a piston pump and underground pipe.

"We're now working with Penn State College of Agriculture specialists in determining the safe amounts of manure to apply to cropland and what fertilizer value the material has in relation to crop production," Keith said.

when the Martins expanded their herd in 1974, milk production dropped significantly, due to the introduction of a large number of 2-year-old heifers to the milking herd. This has since improved. They currently raise 145 calves and heifers for possible herd replacements.

John Harris, Perry County Extension director, pointed out that the Martins use Extension Service programs to improve farm production. Their cows are fed according to recommendations provided by the Dairy Herd Improvement Association and Penn State forage testing service, they participate in the alfalfa growing contest, and take part in pest control surveys to determine if and when spray materials should be applied to forage crops.

The new Master Farmers share the workload in the overall farming operation but each has an area of expertise. William is in charge of the young stock; Keith is the herdsman and bookkeeper; and Edward is responsible for cropping programs. "We live in harmony with the land and each other," Edward said.

William, a graduate of Blain Vocational School, served as president of the Perry County unit of Northeastern Breeders Association, Perry County Cooperative Extension Association, and Perry county Dairy Herd Improvement Association.

He is a member of the Pennsylvania Farmers' Association, Pennsylvania Holstein Association, Blain Fire Company, St. Paul's Lutheran Church, and Full Gospel Businessmen's Fellowship. William also was a township supervisor and school board director. In 1967, he received the Pennsylvania Grassland Farmer Award.

Keith, a Penn State dairy science graduate, received numerous 4-H and student awards. In 1969, he was state and national 4-H winner in agriculture and field crops science. He was named Outstanding Senior in Dairy Science at Penn State in 1972.

He is past president of the Perry County Cooperative Extension Association, Perry County Farmers' Association, Perry County Holstein Club, and Full Gospel Businessmen's Fellowship.

Keith is a member of the Perry County Fair Association, St. Paul's Lutheran Church, and Delta Theta Sigma fraternity. He currently serves as secretary for the

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Eckels rebuild, earn Master Farmers honors

CLARKS SUMMIT — Fred Eckel and sons, Douglas and Keith of R2 Clarks Summit, who for years have been combining efficient dairy farming with a highly successful green wrap tomato production and marketing operation, have been named Master Farmers for 1982.

The three will be inducted into the Pennsylvania Master Farmers' Association whose membership consists of all former award winners. The program was established in 1927.

One Eckel business philosophy over the years has been "a successful operation is a growing one." And, since 1949 when Fred purchased the original 44-acre farm, it has grown. the partnership now owns 175 registered Holstein cows and heifers and produces 275 acres of green wrap tomatoes, 450 acres of field corn, 100 acres of alfalfa, 25 acres of pumpkins, and 10 acres of early sweet corn.

Disaster struck their dairy business last year when the modern dairy barn burned to the ground. The cows were saved, but all that remained of the barn was the concrete floor, comfort stall piping, gutter cleaners, and silos.

"It was a tough decision whether or not to rebuild the barn," Keith Eckel pointed out. "Most of the outside advice we received was not to rebuild."

he added that although the tomato business had grown tremendously over the years, dairying added diversity to the total operation. It was one way to justify keeping some key employees on the job throughout the year.

"The tomato business, while it can be highly profitable also is very risky," Keith Eckel explained. "Hail, for example, can wipe you out. So can poor prices. But dairying has been the stabilizing income factor for the farm even though it wasn't as profitable as tomatoes most years.

Further cost analysis reinforced their decision to rebuild. They already had the barn foundation, stalls, silos, and cows. Late last summer, a new barn was built over the original floor. The new facility is basically the same as the one it replaced. Their 98 milk cows now produce about 1.5 million pounds of milk annually.

Green wrap tomato production amounts to almost three-fourths of the income for this Master Farmer partnership. In the late 1960s, because of competition from California tomato markets, they had to pack their tomatoes in addition to growing and picking them. Packing, they learned, often meant the difference between profit and loss.

The Eckels built their first packing house in 1970, packing 35,000 40-pound cartons that first year. Today's modern packing house on the farm packages 165,000 25-pound cartons of green wraps.

Thomas Jurchak, Lackawanna county Extension director, pointed out that the Eckels would be the first to admit that Penn State's College of Agriculture programs helped them tremendously in expanding their family farm from 4 to 175 cows and 20 to 1,000 crop acres in the last 33 years.

The dairy herd is fed exclusively according to programs developed by Penn State's forage testing service in accordance with production records provided by the Dairy Herd Improvement Association. The new barn was designed with assistance from Extension agricultural engineers.

"They have been especially cooperative in Extension efforts to revive the Pennsylvania green wrap tomato industry," Jurchak added. "They use Extension's computer analysis program for all facets of the tomato business including harvesting and marketing. Their band fertilization of tomatoes essentially cut fertilizer bills in half."

Fred, the senior partner and general manager, was a construction foreman for the state highway department until he convinced his wife, Dorothy, that they should "live in the country." The two started farming with 4

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Although their Lackawanna farm has seen the expansion of a green wrap tomato business, the Fred Eckel family has decided to stick with the dairy business. "Dairying has been the stabilizing income factor for the farm even though it wasn't as profitable as tomatoes most years," comments son Keith, center. With him are brother Douglas, left, and father Fred who purchased the original 44-acre farm in 1949.

Bucks Co. vegetable farmers are pick of 'crop'

BUCKINGHAM — Creeping suburbia often means the end of many farming operations; however, for William and John Yerkes of Buckingham, Bucks County, the urban sprawl that surrounds their land contributes to a highly successful retail farm market and pick-your-own fruit and vegetable outlet.

Each year, thousands of customers flock to Yerkes' farm to purchase high quality products "fresh off the vine." Everything from strawberries to beans are available either at their farm market or in fields designated for personal harvesting.

For their business expertise and management efficiency, the Yerkes have been named Master Farmers for 1982. Formal award ceremonies will be held Jan. 11 at a special luncheon in Harrisburg. The two will be inducted into the Pennsylvania Master Farmers' Association whose membership consists of all former award winners.

Farm products include 200 acres of sweet corn, 8 acres of vegetables, 15 acres of strawberries, 10 acres of pumpkins and gourds, and 5 acres of nursery stock. Except for the sweet corn, most produce is sold direct to the consumer.

"We had to make a decision when Dad died in 1976 whether or not to sell the farm," William Yerkes said. "Both John and I wanted to continue farming but we needed an enterprise that would generate enough income to support our families."

the obvious solution, they felt, was to build a farm market and start retailing. This, however, was a hard decision to make since neither had this form of experience. The several hundred acres of sweet corn had always been sold to supermarkets.

With encouragement from their wives and children, they built the farm market which involved a sizable cash investment. They wanted the building to fit in with the surrounding environment. That ruled out a standard metal building in favor of a wooden structure.

"The market looks like it 'belongs' in the area. And it's rustic enough to look like a farm market, not just another supermarket," John emphasized. "But now, after 5 years of operation. we realize it's not big enough. At times it bulges at the seams."

We open the market after Easter and close after Thanksgiving Day, John noted. The early opening corresponds with the first crop of asparagus. Other crops are sold as they mature.

Perhaps the biggest boon to the farm operation has been the pick-your-own system. Strawberries, peas, beans, tomatoes, raspberries, and pumpkins are available to cusomers.

"You can't imagine where all the people come from who want to pick their own pumpkins. Some weekends we've sold over 8 tons right out of the field," John pointed out. "They are not grown without considerable work, however. Regular spray applications are necessary to control such diseases as powdery mildew."

Strawberries are quite popular in the spring. Last year the farm sold about 2 tons on a single day. Traffic control must be enforced. Rows to be picked are marked while farm personnel, all with two-way radios, direct customers in the field.

"Most folks do a good job of picking fruits and vegetables," William said. "We simply tell them to try and keep the children with them as they pick. Naturally, there are problems at times."

The new Master Farmers emphasized that they are still trying to decide what additional crops to grow either for the market or pick-your-own operation. They expand each year, depending on customer needs the previous year.

Most of the 200 acres of sweet corn is sold to a supermarket chain. Corn is picked by hand in early evening, loaded onto trucks, and delivered to stores for sale the following day. About 40 acres are also sold at the farm market.

"Corn stalks are chopped and fed to the 75 beef cattle we raise each year," William noted. "A portion of this beef is sold at the farm store, the remainder is purchased by local processors."

The Yerkes plan to stay on the farm despite the pressure to turn the 500 acres into development. The farm is taxed for agricultural use under Act 319. Just over a year ago they decided to incorporate the farm rather than operate simply as a partnership.

Richard Bailey, Bucks County Extension director, pointed out that the Yerkes have been actively involved in Penn State College of Agriculture programs for more than 25 years. Over 30 tests are run annually for recommended fertilizers and lime requirements. Extension Service sweet corn variety test demonstrations are established annually. They were the first to request an integrated pest management program for sweet corn.

They are second generation Master Farmers. Their father, William, won the award in 1952.

William serves as president of the corporation and is responsible for marketing and the purchase of cattle. John, as vice president, coordinates farm market operations and assumes responsibility for sweet corn and seed purchases. John's son, Jon, a graduate of Delaware Valley College, looks after the nursery portion of the business.

Both are active in farm and community organizations. William, a 1951 Penn State graduate, served as vice president of the Bucks County Cooperative Extension Service executive

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William and John Yerkes, left to right, operate a successful retail farm market in suburban Bucks County. Everything from strawberries to beans are "fresh off the vine" at the brothers' Buckingham farm.

For Master Farmer couple

Zeagers' teamwork yields profitable farm

WATSONTOWN — Herbert and Margaret Zeager of R2 Watsontown, Northumberland County, believe that with the diversification of crops and livestock and a willingness to try new things, you can operate a profitable farm business.

Since 1971, when the young couple took over the farm operation from Herbert's father, they have combined business expertise and efficient management to build a highly successful enterprise.

For their outstanding farm programming, they have been named winners of the coveted Master Farmer Award for 1982 and will be honored at a special luncheon Jan. 11 in Harrisburg.

A multitude of crops are grown on the farm. In addition to corn, wheat, oats, barley, and soybeans, the new Master Farmers produce large acreages of snap beans, peas, and sweet corn. They annually raise and market 1,200 hogs, 114 steers, and 10,000 Kosher roaster pullets.

"I believe in having a market for my crops and livestock before I grow or raise them," Herbert said. "That way you're not just getting a price when the products are ready for sale."

Seventy-five acres of peas, grown since 1979, and 70 acres of snap beans, since 1980, are contracted through the Furman Canning Company. The chickens are fed a low-energy ration with no antibiotics or additives, so they can be sold through contract to a Kosher market.

Hogs are sold to a local butcher or directly to a small farmer who provides fresh or smoked pork to area customers. "This way the meat is used locally and the customer knows he or she is getting a 'number one' product," he emphasized.

In 1971, Margaret retired from her career in x-ray technology and nuclear medicine to become a full-time partner on the farm. Since then, she has been involved in all aspects of the operation, including barn and field work and keeping records.

During the early 1970s, the Master Farmers carried a heavy debt load; the couple's net worth ratio was less than 40 percent the first year. With successes in the hog and vegetable business, by 1978 their net worth ratio was over 70 percent of their investment.

Generally vegetables or corn follow the wheat crop in a planned rotation. The 66 acres of wheat and 40 acres of barley, both sold as certified seed, are minimum-tilled. About 215 acres of corn grown for grain and 30 acres for corn silage yield well above the state average as does their 65 acres of soybeans.

"Most of our profits come from the vegetable crops, but the highest gross income is made by raising and selling the hogs," Herbert noted. "We buy about 45 feeder pigs every other week that weigh about 40 pounds each. These are fed until they reach market weight."

Steers are fed corn silage and 1½ pounds of 35 percent protein supplement until the last 160 days. Then the Zeagers add one-half pound of ground corn per hundredweight to the ration.

A full-time employee, Ron Clemens, who has a bachelor's degree in business administration, works closely with the livestock. This has given Margaret more time to devote to their children, John, 11; Jeffrey, 2, and Jeremy, 1.

Public relations ranks high on the list of priorities for the new Master Farmers. The non-farm public is always welcome at Shady Hill Farm. They have hosted numerous tours and international students. Favorite attractions are the six antique tractors on display.

"Collecting farm and home antiques can be very satisfying," Margaret said. "We'd like to open a farm museum in the attic of our home where we now have all kinds of antique kitchen supplies."

Richard Little, Montour County Extension director, pointed out that the Zeagers are true leaders in their community. They are interested in helping in any possible way.

"One of the Zeagers neighbors was having a hard time increasing milk production," Little explained. "Working closely with this dairyman, Zeager was instrumental in helping the neighbor double herd production."

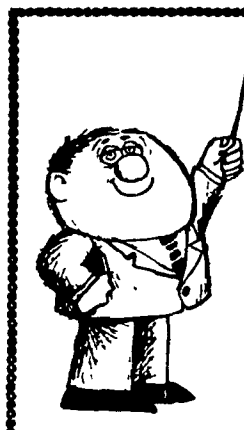
The Zeagers are active in community, farm, and church organizations. A member of the Warrior Run School Board, Herbert recently was appointed to the Pennsylvania School Board Association for Region 6.

He is past president of the Montour County Farmers' Association, and won an award in 1977 for setting a membership goal that has yet to be broken. That same year the two were recognized as Outstanding Young Farmers by the Danville Kiwanis Club.

Herbert currently is vice president of the Pennsylvania Council for Cooperative Extension Associations, a lay group that advises and supports Extension Service programs. He also is past president of the Montour County Extension Service executive committee.

A member of the Beaver Run Mennonite Church, Herbert served as church board chairman, Sunday school teacher, superintendent, youth leader, historian, bible school teacher, and was on the pastor evaluation committee.

Margaret and Herbert Zeager of R2 Watsontown, Northumberland County, couple their energies in a successful crops and livestock business. The new Master Farmers raise hogs, steers, roaster pullets, and vegetables which they market directly.



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Jugging business works for this Master Farmer

LANSDALE — Twelve years ago, Maynard Rothenberger of 2222 Valley Forge Road, Lansdale, was milking 35 Holstein cows on his 120-acre farm that had been in the family since the 18th century. A decision had to be made; to quit farming or expand to provide a future for his children.

Today, the family operation produces, processes, and sells more than a million quarts of jug milk annually through a farm store. Cow numbers have increased four-fold to meet the demand for dairy products.

"Getting into the milk jugging business was the smartest thing I ever did. My only regret is that I didn't do it sooner," the Montgomery County dairman said.

For his business expertise and management efficiency, Rothenberger has been named a Master Farmer for 1982.

In the late 1960s, the new Master Farmer was faced with a dilemma. His 35 cows simply were not providing the necessary income to look after his two sons and daughter who were interested in staying on the farm. To complicate the problem, creeping suburbia had pushed land values to several thousand dollars an acre.

"To help decide what to do, we asked the Penn State college of Agriculture to run a farm business analysis. A jugging operation, the analysis showed, would answer our needs."

since the Rothenbergers could not afford both store construction and an indicated herd expansion, they opted for the store. This, they soon realized, was a big mistake. Their milk supply lasted only part of the day.

"We had to take out another loan to buy more cows which, in itself, can be terrifying," Rothenberger said. "Here we were talking about a quarter of a million dollars and we didn't even know if the operation would be successful. But it was either that or quit dairying."

The 145 milk cows presently on Merrymead Farm are fed silage, alfalfa hay and haylage, shelled corn, and sudan-sorghum produced on their 350 acres of owned and rented land. Last year, milk yield per cow averaged 15,758 pounds. The animals are housed in a free stall barn, built as part of the expansion. The milk is piped underground from the milking parlor to the jugging plant. An additional 110 replacement heifers and calves are raised on the premises.

Milk is not the only jugged commodity available at the store. Customers can buy orange and other fruit juices along with grocery items, eggs, and ice cream. The ice cream counter, which supplies as many as 5,000 cones on hot summer weekends, is a popular part of the store. Ice cream is not made on the farm, but is purchased wholesale.

The new Master Farmer shares responsibility with family members. A daughter, Donna, manages the dairy store. A son, Scott, is a herdsman, and another son, Mark, works in the processing room and dairy store. A son-in-law, Stephen, is employed as a herdsman. They recently purchased a neighboring 70-acre farm to provide more cropland and two homes for family members.

"My wife is my biggest asset, unquestionably," Rothenberger said. "She gets along so well with people. She managed the store when it first opened and her ability to deal with people made it a success."

Merrymead's family operation can grow to more than "family" during the busiest times. the payroll ranges up to 30 persons, most of it part-time store help. Maynard Rothenberger is the general manager and assists with barn and field work.

"Jugging is not for everyone. But if you have the location, and you can deal with the public, it can be a successful business," the award winner emphasized.

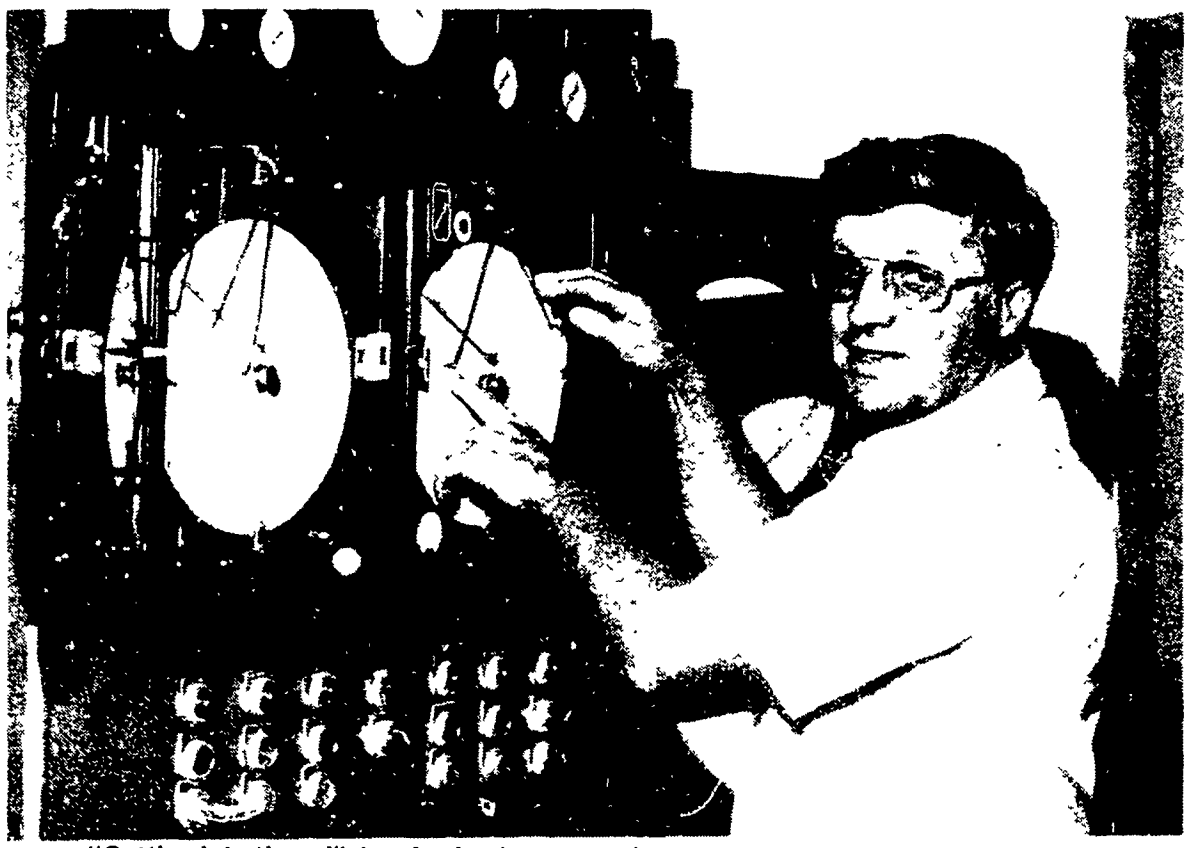
In addition to their extensive business operation, the Rothenbergers have taken an active role in Flying Farmer affairs. He was an officer in the Pennsylvania chapter and president of the International Flying Farmers. He has his instrument rating and flies a Cessna Skylane with a "moo cow" on the tail.

The Master Farmer has been serving as a 4-H dairy club leader for the last 15 years. He was president of the Montgomery County Cooperative Extension Service executive committee.

Rothenberger is a member of the Montgomery County and Pennsylvania Holstein Associations, Pennsylvania Farmers' Association, Dairy Herd Improvement Association, and is president of the Montgomery-Bucks Farm Bureau.

In his community, he is a member of the Worcester Historical Society and Central Schwenkfelder Church, serving as a trustee. He was a member of the Worcester Planning Commission.

A graduate of Lansdale High School, Rothenberger worked with his father until 1965 when he purchased the farm. The retail farm store was opened in 1971.



"Getting into the milk jugging business was the smartest thing I ever did," says one of this year's Master Farmers, Maynard Rotheberger of Lansdale. When growing pains forced a decision to quit or expand his dairy business, the Montgomery County farmer, with the help of Penn State farm business analysis, opted for a jug store.

Eckels

(Continued from Page A19)

milk cows, 300 chickens, and 2 acres of tomatoes.

Douglas, a Lehigh University mechanical engineering graduate, spent 12 years in industry before returning to the farm to become, as he admits, "a full partner in the family farm which always was my ambition." He looks after machinery maintenance and cash grain operations.

Keith, in charge of personnel, dairy, finance, and vegetables, majored in political science at Keystone Junior College and Dickinson college. He spend 3 years in the first Kellogg Public Affairs Program conducted by Penn State, then returned to the farm in 1968 to be the third member of the partnership.

"This is when we really started to expand our operation," Douglas noted. In 1972, a new dairy barn was built to house the 88 milk cows."

The new Master Farmers opened their first migrant labor camp in 1968; a new camp was built the next year; and in 1980 they added still another camp for 90 employees.

"Seasonal farm labor is a delicate topic of discussion," Keith admitted. "But if we didn't have it, we'd be out of business."

Excellent yields are keys to profitable farming on this Lackawanna County farm. Mature green tomatoes average 15,300 pounds per acre and 10 acres of sweet corn produces 13,000 ears. Alfalfa yielded 4.8 tons per acre in 1982 and 420 acres of corn averaged 125 bushels per acre. The 25 acres of face pumpkins produced a total of 350 tons.

As all Master Farmers, the Eckels are active in community and farm organizations. Keith currently serves as president of the Pennsylvania Farmers' Association. He also is a member of the Grange, Pennsylvania Agricultural Employees Association, is a state director of the Pennsylvania Vegetable Growers Association, farm chairman of the Northeast Rural Development Council, and past president of the Lackawanna County Cooperative Extension Service executive committee. In 1981 he was appointed by Governor Thornburgh to the State Planning Board.

Fred, also a member of the Pennsylvania Farmers' Association, serves as a Newton Township supervisor and is a Republican committeeman. He also is past president of Dairylea Cooperative and former member of the Endless Mountain Cooperative.

Douglas served on the Newton Township Planning Commission. He is a member of the Pennsylvania Farmers' Association, Pennsylvania Vegetable Growers Association, and American Society of Mechanical Engineers.

Perry Co. dairymen

(Continued from Page A18)

Southwest Madison Township and previously was township auditor.

Edward, a graduate of West Perry High School, was active in 4-H and FFA. He was named Outstanding Chapter FFA Member as a senior. In 1973, he received the American Farmer Degree at the National FFA Convention in Kansas City, Missouri.

Edward served as president and treasurer of the Perry county Cooperative Extension Association and West Perry Young Farmers' Association.

He also is a member of the Perry County Holstein Club, Pennsylvania Council for Cooperative Extension Associations, Master Corn Growers' Association, Pennsylvania Forage and Grassland Council, Blain Ambulance Club, St. Paul's Lutheran Church, and Full Gospel Businessmen's Fellowship.

Other 1982 Pennsylvania Master Farmers include: Fred Eckel and Sons of R2, Clarks Summit; William and John Yerkes of Buckingham; Herbert Zeager, of R2, Watsontown; Maynard Rothenberger of Lansdale; and Harold and Donald Bollinger of R1, Newmanstown.

The statewide program, which was established in 1927, is sponsored by Penn State Cooperative Extension Service and Pennsylvania Farmer magazine.

Bucks vegetable farmers

(Continued from Page A19)

committee and a member of Philadelphia Society for Agricultural Preservation.

William also was a member of the school board and served as a township supervisor. He presently is a member of the township planning commission and on the board of trustees of Delaware Valley College.

John also is a member of the Pennsylvania Farmers' Association, the Central Bucks Family YMCA, chamber of commerce, and the Bucks County Historical Society. He holds membership in the National Wildlife Federation, The Cousteau Society, and Buckingham Parent Teachers Organization.

In 1982, the two were named winners of the Central Bucks Chamber of Commerce's Business Achievement Award.

Eastern Lancaster plans swine talks

TERRE HILL — The Adult Farmer Program of the Eastern Lancaster County School District will present a Swine Management Meeting at 7:30 p.m. Wednesday, at the Union Grove Alternative School.

Speaker for the session will be Chet Hughes, Lancaster County Extension Livestock Specialist. He will discuss management of breeding and fattening herds with a special emphasis on the new swine identification requirements and how they are working. He will also give an update on the status of pseudorabies in the area.

Chet Hughes has succeeded the retired Max Smith and for many this will be the first opportunity for area swine producers to hear Chet address swine production management in the Eastern Lancaster County area.

All interested persons are invited to attend. The Union Grove Alternative School is located near Terre Hill on Route 625, 2 miles north of Route 23. For additional information contact Donald Robinson or Robert Anderson at 445-5041.

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'It was worse than Farm Show' at open houses

BY DICK ANGLESTEIN

"It was worse than farm show."

That's how veteran agricultural leaders are describing the massive crowd of people that descended on the Zimhaven Farm along Rt. 23 east of Blue Ball for open house on Wednesday.

A conservative estimate of the number of visitors has been placed at 1400 to 1500.

At the peak time, shortly after 2 p.m., there were some 500 people milling through the brand new facilities of the D. Martin and Loren L. Zimmerman families.

Literally, it was shoulder-to-shoulder traffic throughout the large barn, feed room and adjoining facilities.

"I have never seen anything like it," explained one veteran open house-goer who has been attending such events for at least a decade and a half.

"And you know, I didn't hear one negative comment about the status or the future of the dairy industry.

"Everyone's attitude was positive and centered on the belief that we can meet the challenges of the present and the future."

People started arriving at 11 a.m. for the Zimhaven Open House, which wasn't scheduled to start until 1 p.m. By 1 p.m., some 600 half-pints of milk had already been given away and the original supply was depleted.

A new supply couldn't be secured until 2:30 p.m., after the peak crush of people. And still, nearly another 600 half-pints were given away.

And the visitors quickly went through 120 lbs. of cheese and countless gallons of soup.

Scheduled to end at 8 p.m., people were still arriving at 8:45 p.m.

Three policemen were required to direct traffic along Rt. 23. Both sides of the roadway and all adjoining fields and driveways were utilized for the mixture of cars, trucks, four-wheels and buggies.

This is how it looked inside the new barn at Zimhaven Open House on Wednesday.

It even attracted Channel 8 TV.

Visitors were treated to both the evening milking and the birth of a calf during the open house.

The calf was a bull. And there's no report yet as to whether it was named Zimhaven Open House.

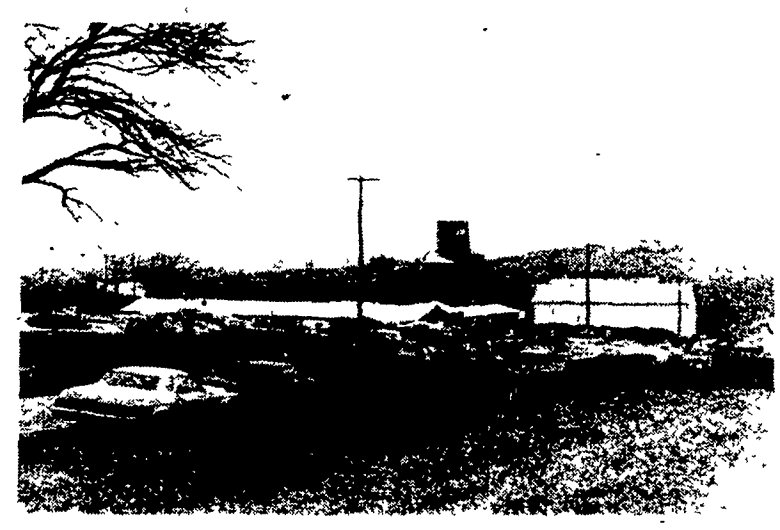
During the open house, visitors were treated to seeing one of the most modern and efficient dairy operations in Pennsylvania and the East.

"I never expected anything like this," commented Loren Zimmerman.

The second open house held on Wednesday at the Gem Rock operation of the Kenneth Sellers family near Annville also drew a large crowd. Some 800 or so attended it.

So, if anyone ever asks you what dairy families do over the holidays.

Just say, they go to open houses.



And outside, along Rt. 23, it wasn't much better.

Md. poultry team places 15th

COLLEGE PARK, Md. -- Maryland's delegation fifteenth among 21 state teams at last month's National 4-H Poultry and Egg Conference in Louisville, Ky., held Nov. 19, in conjunction with the North American International Livestock Exposition.

In divisional competition, the Maryland team was fourth in market egg judging and ninth in market poultry carcass evaluation. This compared with fifth and seventh-place finishes in these same categories by last year's Maryland 4-H judging team which placed fifth in the over-all standings.

Wayne Reisberg, 15, of Marriottsville was seventh among all individuals in the market egg judging.

Three Worcester County residents from Pocomoke City comprised the balance of this year's Maryland team. They were Albright J. van Overeem, 15; Glen Ennis, 15, and Sharon Daugherty, 16.

Another lower Eastern Shore resident, Cindy L. Twining, 16, of Princess Anne, was Maryland's representative in the 4-H egg preparation demonstration contest last month at Louisville. She placed eighth among 18 contestants.

Coaching the Maryland 4-H poultry judging team again this year was Charles J. Wabeck of Salisbury, associate professor of poultry science and Extension food science specialist for the University of Maryland.

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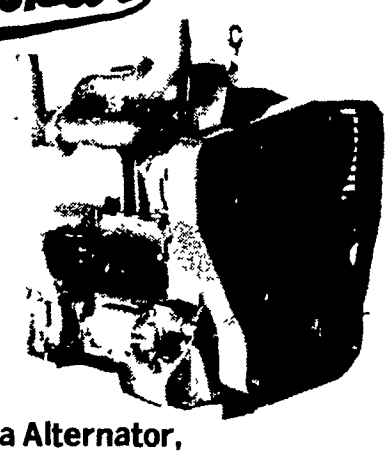

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Federal judge

(Continued from Page A1)

adequate comment period are the basis for their suit.

"We feel the public comment was not taken in good faith and we have the evidence to show it was meaningless," Koon said.

Next week, Judge Perry will hear testimony from, among others, South Carolina Commissioner of Agriculture Brian Patrick, an agriculture economics professor from Clemson, the three dairy farmer plaintiffs and the USDA's Assistant Attorney General for the Civil Division.

Steve Hart, USDA's assistant director for Federal Programs explained the government is preparing a brief in response to the South Carolina suit. In addition, Hart predicted the delay will be short-lived.

"I believe it will end fairly quickly. There is a need to be expeditious in this case," he said.

The 50-cent per hundred weight deduction on all milk sold in the country has attracted more than one law suit.

The National Farmers Organization board of directors recently directed the NFO legal staff to file a case to challenge the statutes of the assessment. NFO attorneys have indicated that a principal ground for attack on the statute will be the unconstitutional delegation of the legislative authority to the Secretary of Agriculture.

The attorneys said the new law simply says that the Secretary "may" impose the assessment at his discretion. It does not give him any standards or guidelines or criteria.

Another ground for filing will be the failure of the USDA to comply with the laws regulating the making of rules.

A third law suit, brought on by a New York dairyman questions the constitutionality of the assessment. That suit also awaits a hearing.

So until all the legalities have subsized, for better or worse, the nation's dairy producers can expect an unaltered milk check, at least for the next month.

Maintain subsurface drains

LANCASTER — Sediment trapped in subsurface drainage systems are costly, says George R. Rohrer, soil conservationist of the Soil Conservation Service, Lancaster.

"Water standing a few days in a low-lying cropland will reduce yields, cutting income and land values," says Rohrer, pointing out subsurface drains are working if water remains on fields for only a short time after a heavy rain.

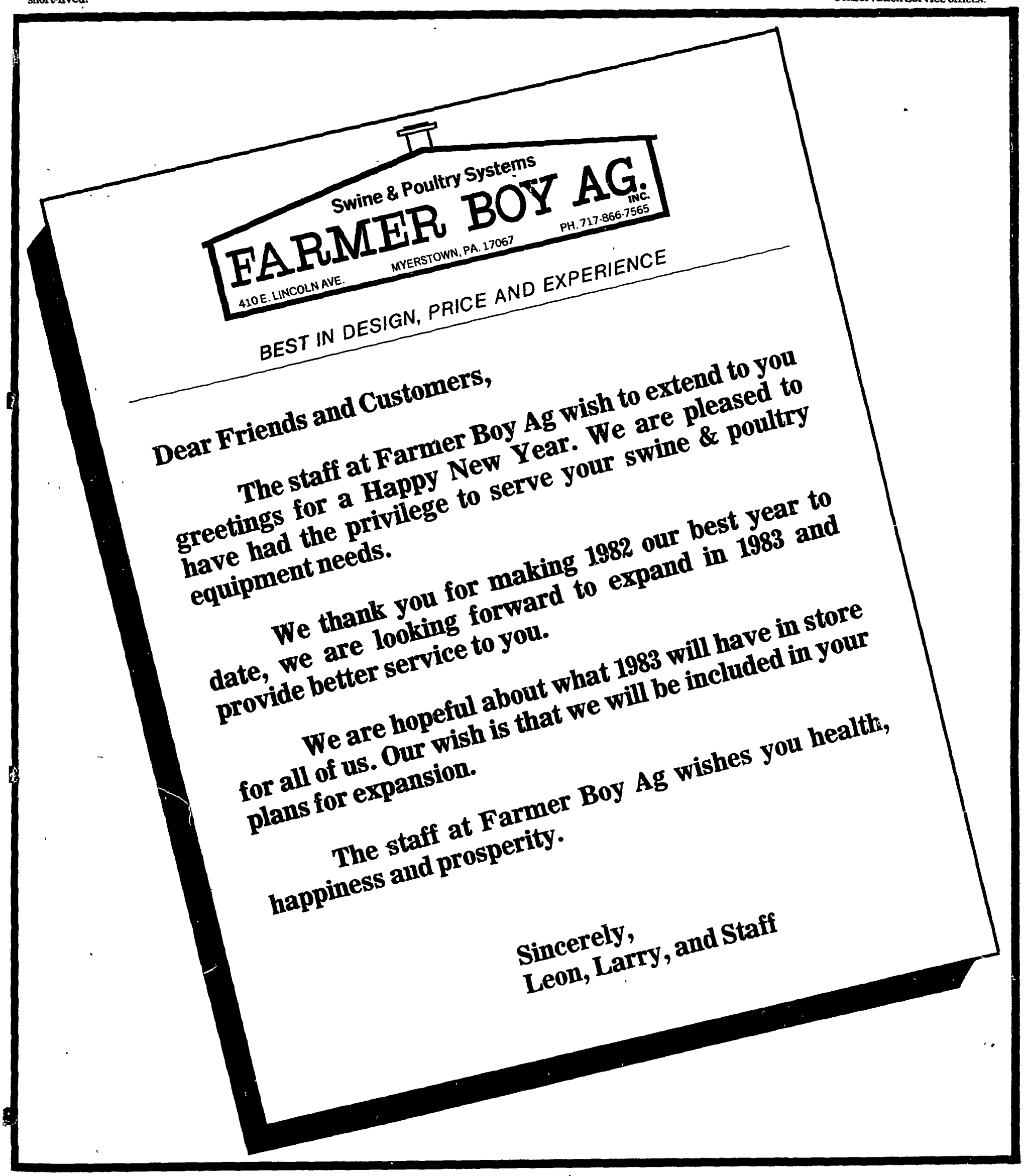
If properly installed, these drains will function well for many years, he says. Most failure can be prevented by regular care. Maintenance practices, such as cleaning trash and removing sediment, cleaning drainage outlets, and controlling tree roots should be performed at least twice a year, Rohrer recommends.

Surface inlet covers often seal with trash while their basins fill with silt, he says. "Clean inlet cover and basins when they are clogged. If a cover is left off or the basin fills, the line may clog."

Drain outlets may fail because the outlet ditch becomes too shallow causing a backup in the line, Rohrer points out. A minimum free-fall of six inches should be maintained from the bottom of the drain outlet to the bottom of the ditch or stream.

"Roots of nearby trees may grow into subsurface drains causing the line to block. A tree root zone is about the same size as its crown diameter, therefore, cut trees as necessary," he says.

More information on drainage and pipe-outlet terrace systems can be obtained from local Soil Conservation Service offices.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Sincerely,
Leon, Larry, and Staff

Senate passes dairy export resolution

WASHINGTON, D.C. — The U.S. Senate, last week, adopted a National Council of Farmer Cooperatives' resolution urging the Secretary of Agriculture to use his existing authority to export CCC-owned dairy products.

Introduced by Senator Rudy Boschwitz (R-MN), the resolution cites different authorities the Secretary currently has to export surplus butter, cheese, and nonfat dried milk.

NCFC President Gary D. Myers said, "this resolution makes it clear that Congress wants the Department of Agriculture to move surplus dairy stocks into the international market."

Myers noted that there has been considerable publicity relating to costs of the dairy price support program.

"The Administration could take a major step to reduce these costs by exporting surplus dairy stocks," he added.

The resolution was drafted by NCFC's Blue Ribbon Trade Committee during a meeting held in Washington in early December. Committee chairman is W.W. Gaston, president, Gold Kist, Inc., Atlanta, Ga.

Catfish

(Continued from Page A14)

anything we can do to make feed production more efficient brings the cost down," says Robert Wilson, head of the Department of Biochemistry at Mississippi State University. Wilson and John Waldrop, MSU agricultural economist, will be working on the project funded by the Mississippi Soybean Promotion Board. The Catfish Farmers of America and two catfish feed mills in Mississippi also support the project.

The scientists will be putting their work through the mill, literally. They will substitute mechanically processed soybean meal for solvent extracted soybean meal and see if it can be used to make catfish feed.

"If this won't go through the mill, none of the rest of our testing will matter," says Waldrop. "We'll first look at the physical characteristics of the feed."

According to Myers, who is president of the Catfish Farmers of America, a catfish farmer needs to see his fish only three times: when he puts them in the pond, when he feeds them and when he takes them out.

"The feed has to float so you can see your fish eating," he says. "In processing, the feed is cooked so the corn particles puff like popcorn."

Once the researchers are sure the mechanically processed meal can be used and is nutritious to the fish, they will estimate the costs of producting the meal.

"It's possible the processing could be done locally using locally grown soygeans," Waldrop says. "This could result in even more soybean meal being used, but we don't know this for sure. We need to answer these questions."

Local quality control is one of the big pluses of the catfish industry in Mississippi, according to Seymour Johnson, who raises both soybeans and catfish in Indianola, Miss. "We control everything from feed to water. In the supermarket, our frozen fish is fresher than fresh fish. They go from live to frozen in 25 minutes. The bacteria count is then extremely low. Because of this low count, fish can be superchilled to 28 degrees without freezing. Chill-pack fish have a 20-day shelf life."

The U.S. Department of Agriculture routinely samples food products for bacteria count. "I've been told our catfish has the lowest bacteria count of any product USDA samples," Johnson says.

These factors are important in the production and processing of catfish, but, says Johnson, when someone sits down to a catfish dinner the important thing is taste.

"It's a bland, white meat that will absorb the flavors of foods and spices it's cooked with," Myers says. "It's not fishy. And catfish can be prepared any way that any fish can be served — poached, broiled, charcoaled, in gumbo, even in pizza."

Catfish is catching on, but, Myers says, the market potential in the United States and in Europe is great. The average American consumes 13 pounds of fish a year and only one-half pound of that is catfish. In Europe, however, the average consumption of fish is 70 pounds a year per person.

"The European community could consume our entire market in two days," Myers says.

The catfish is luring a school of pretty fancy followers. Both Myers and Johnson recently returned from one of the world's largest seafood fairs in Paris where a cordon bleu chef hired to work at the show prepared catfish dishes.

PMMB regulations

(Continued from Page A1)

PAMD members, for the most part, are in favor of the content of the changes.

The new system should reflect a more accurate picture of the milk market, which today is mostly wholesale trade to stores and restaurants. The older standards reflected higher numbers of home delivery sales that make up a much smaller portion of the current market, said Geisinger.

However Giesinger noted that the new regs would not mean, "happy days are here again" for dealers.

"At one time, Pennsylvania had more than 1,100 dealers. Today there's less than 100. If the money was there in milk marketing, they wouldn't have left," he said. Because of higher demands for low-fat products, Geisinger explained that most dealers don't know what to do with the cream and usually sell it for a loss.

Brumbaugh explained that the forcoming hearing date will probably be set at the Board's next meeting on Jan. 5, 1983.

The Commonwealth Court ruling, which spawned the accounting changes, ended a 15-month battle spearheaded by Lily Penn and consumers. The firm, Lily Penn, operates a chain of convenience markets in suburban Philadelphia. —DT

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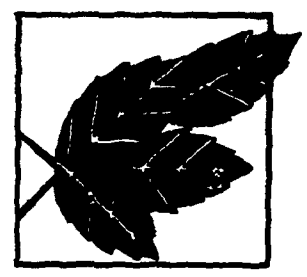

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Dean Smith reviews Pa. food and ag concerns

UNIVERSITY PARK, — Samuel H. Smith, dean of Penn State's College of Agriculture, spoke before about 900 civic, business, and agricultural leaders around the state in 1982 to talk about the importance of agriculture to the state.

The community leaders, in nine regions of the state, were guests of the Penn State Agricultural Advisory Council. These meetings provided an opportunity for Smith to exchange ideas with representatives from all 67 counties in Pennsylvania.

"There are more than 61,000 farms in Pennsylvania," Smith said. "These farms generate nearly $2 billion in raw agricultural products annually. That is a sizable amount of money, much of which stays right here in the Pennsylvania."

The 6,400 ag-related business firms in the state employ more than 140,000 people. The payrolls generated by these companies total more than $1.8 billion, almost half the sale of raw agricultural products.

Smith explained the connection between the Penn State Extension offices in every county and the main campus at University Park. Extension is the delivery system for and the latest information developed by researchers at Penn State and other land grant universities.

Extension offices have major thrust programs in areas of agriculture and natural resources, family living, community development, and 4-H. More than 90,000 young people are enrolled in 4-H programs, Dr. Smith said, "this investment in youth is a real investment in the future."

Smith said that the county offices received an average 10.8 percent increase statewide in county funds in 1982, indicating strength and county recognition of the value of the services provided by the county Extension offices.

"With Extension offices in every county in the state-all 67-explaining what Penn State Extension Accomplishes is a difficult task," Smith explained.

Smith said that in Philadelphia "farms" are few and far between. However, Penn State does have an extensive urban gardening program in the city. A survey done last year reported 325 community garden sites, including more than 4,000 individual plots. He said that the estimated value of the food produced in the gardening plots amounted to more than $2 million.

During 1982, Penn State Exentsion county home economists carried out thousands of meetings attended by more than 100,000 people.

Research has already doubled most crop yields from levels of just 25 years ago. Smith noted that before we "rest on our laurels" or become overly concerned with temporary surpluses we may have to double our yields again by the year 2,000. This will help alleviate human misery throughout the world and avert more political unrest.

He pointed out that, nationally, we export the production of one of every three acres planted. That amounts to 60 percent of our wheat, more than half our soy beans and grain sorghum, and about a third of our corn.

U.S. exports have grown from about $7 billion in 1970 to more than $40 billion this past year. About $250 million of that comes from Pennsylvania.

"Farmers in Asia and Africa produce about 4,400 pounds of raw agricultural products per year, Russians 33,000; Europeans 35,000-and American farmers produce 375,000 pounds per farmer per year," said Smith.

As for the future, the dean predicted that agriculture will continue to grow in economic importance in Pennsylvania. The state has the fastest growing livestock and poultry industries in the country. The state also ranks in the top five in production of milk, mushrooms, apples, eggs, grapes, peaches, sweet corn, and greenhouse and nursery products.

Pennsylvania turns out more maple syrup than either New Hampshire, Maine, or Massachusetts and sells more farm products than either New York, Maryland, or Virginia.

"Our outstanding ability to produce food has been this country's great economic and political strength," said Smith. "I would rather be defending a surplus here than trying to explain four disastrous harvests in the Soviet Union.

"Over the next few years the motivating force for research will come from a hungry world," said Dr. Smith.

Smith said that accomplishing this research will depend on many factors, including public and private funding.

The Agricultural Experiment Station is an important part of the system of public research organizations servicg agricultural science. This system includes 16,000 scientists nationwide and consists of 54 agricultural experiment stations and the research agencies of the USDA. One of these stations is at Penn State.

"In this country there is no other significant training ground for a sizable proportion of the world's agricultural scientists," said Smith. This training is crucial to the future of industry, commerce, government and educational institutions.

Research, the Cooperative Extension Service, and teaching go hand-and-hand and reinforce each other in the process. The benefits multiply when a young, creative student is given the opportunity to train under a gifted researcher.

The land grant system, of which Penn State is a part, has a proven track record and along with the USDA has carried out 95 percent of all the publicly supported agricultural research done in America during the past century.

However, Smith said that past successes are no guarantee for the future. There has been a continual erosion of actual funding support for agricultural research. Federal funds for scientific instruments and facilities have fallen by more than 50 percent in real terms, even as the costs of equipment and laboratory renovation have been rising much faster than the cost of living.

"We have seen a dramatic shift over the past couple of years in our research funding sources," said Smith. Agriculture's traditional sources of federal funding have tended to remain static while monies for competitive grants in specific areas of research have increased.

A ten-year comparision of research funding sources for Penn State shows a shift to special funds such as contracts, grants and agreements both public and private.

The increase in this type of funding during the period of 1971-81 was almost 50 percent-from $1,335,000 to $2,000,000.

During the same period, appropriations increased a modest seven percent. The University support dropped almost nine percent. This decrease reflects reduced support (in real dollars) from the state government.

What are the areas of emphasis in Penn State's agricultural research program? "Nearly one-third of our scientists' time in our Experiment Station is devoted to seeking ways to produce an adequate supply of farm and forest products and to reducing real production costs," said Dr. Smith. This allocation has not changed much in the past eight to ten years.

One sixth of our scientists' time is devoted to the protection of forests, crops, and livestock from insects, diseases, and other hazards.

Penn State will be maintaining this emphasis on agricultural production and protection of crops, forests, and animals, Any substantial increase in these areas, however, will probably have to come from external funding.

Two areas where Smith sees a potential for increased emphasis are projects designed to improve marketing efficiency and in developing new and improved products.

"Ours is a task of steadily and frequently slowly developing the knowledge needed to make incremental gains. Although this is not dramatic and traditionally does not receive the media headlines, our research is effective," explained Dr. Smith.

The most spectacular "breakthrough" for the land grant systems was probably that of corn hybridization in th late 1930s. This had a tremendous effect on corn yield...but less dramatic findings have had a much larger effect.

Research is a long and tedious business and the promise of great returns may be agonizingly slow to pay off. Dairy breeding scientist John Almquist, who received much honor for his research in artificial insemination and reproductive physiology, has been working almost 40 years in the same basic field of inquiry. Almquist won the Wolf Prize sometimes termed the "Nobel Prize of Agriculture" since it is the highest award given in agriculture.

What Almquist and his colleagues have provided is a "continuity" of good solid research, with cumulative benefits that radiate outward to industry and to all mankind. Such long-term efforts require basic support of the University and the industry over the years.

From an investment viewpoint, this type of research can provide significant dividends. This increased income to the agricultural community from our dairy breeding center research can easily be shown to exceed "twice" the entire budget of the College of Agriculture over the past ten years, said Smith.

Smith said Pennsylvanians can take great pride in the entire research program in the College of Agriculture. Some areas he feels are particularly strong include: dairy breeding, greenhouse energy conservation, turfgrass breeding and management, integrated pest management, food flavor research, mushroom production and management, biomass for energy, cereal breeding and management, rural developement, municipal waste management, livestock–forage systems, and nutritional biochemistry.

A report compiled by Penn State's Agricultural Experiment Station lists some new areas of research considered "areas of promise." These are areas Smith says need more attention.

They include: integrated management of forest pests, remote sensing, immunological response to animal parasites, muscle food processing, human nutrition, international agriculture, marketing and transportation, regulation of animal growth, and improved delivery of research through Extension education.

Penn State researchers are not overlooking the much publicized genetic engineering areas which has lead to nitrogen-fixation research; engancement of photosynthesis; and broad-based recombinant DNA capability.

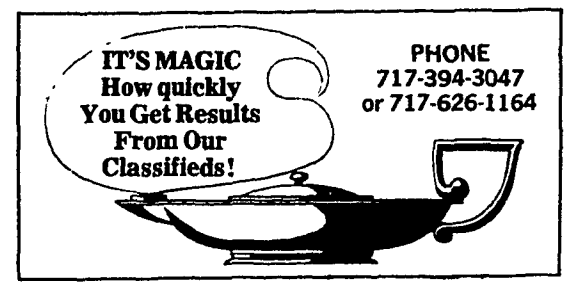
Penn State has a respectable program of research in cellular level DNA research in the College of Science. Smith said that the College of Agriculture has no intention at this time to make a major thrust in Cellular research.

He added that there is a long way to go to make this research directly applicable to higher plants and animals. Penn State researchers are exploring opportunities to make applications of this basic research.

"Our research accomplishments will depend upon many variables," Smith said. "We will need a team effort from faculty, staff, and administrators, as well as increased public and industry support."

"We will also need a positive attitude and a faith in our own capabilities. This is what I expect to see cultivated and encouraged in the Experiment Station, Extension, and teaching throughout the College of Agriculture."

The sponsor of Dean Smith's visits, the Penn State Agricultural Advisory Council, is comprised of 65 statewide organizations. The Council meets twice a year with the Penn State College of Agriculture administration to discuss college programs and offer advice and counsel. The Council funded Dean Smith's visits to nine regions of the state to increase the understanding between the people of Pennsylvania and the College.



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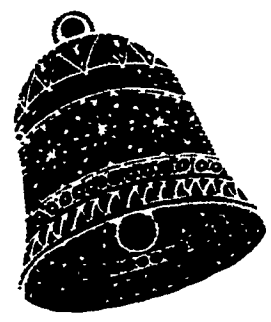

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Milford poultry farmer Charles Postles and U. of Del. soil fertility scientist discuss merits of broiler manure as fertilizer — Postles is cooperating with Sims on manure management study.

Poultry manure making comeback as fertilizer

By Doris Crowley

NEWARK, Del. — Delaware farmers who raise chickens once used the manure from their flocks routinely to fertilize crops. The availability of cheap commercial fertilizers after World War II made hauling and spreading the manure uneconomical and many growers stopped using it. Now, under the pressure of rising fertilizer prices, they're switching back to manure. By working it into their cropping programs, poultry farmers are finding they can cut production costs considerably and at the same time benefit the environment.

Based on 1981 fertilizer prices, University of Delaware soil scientist Leo Cotnoir estimates that a ton of broiler manure (at 25 percent moisture) contains $16.20 worth of nitrogen (half of this available to a corn crop the year of application), $12.50 worth of phosphorus and $4.68 worth of potassium. Add minor elements and the manure has a fertilizer value of approximately $35.30. Plug in long term benefits–increased organic matter and cation exchange capacity, better moisture retention and increased micronutrient availability–and poultry manure could be worth up to $50 a ton.

Cotnoir says manure composition varies, depending on amounts and kinds of feed and litter used, number of flocks grown before litter is changed, and the time between house cleanout and field spreading. Storage conditions also affect nutrient content. But on the average, he estimates that a ton of broiler manure will provide plants with 30 pounds of nitrogen, 20 pounds of phosphorus and 30 pounds each of potassium and calcium per acre the year of application. It also provides smaller amounts of manganese, sulfur, boron, zinc and magnesium.

Besides cutting production costs, farmers who work poultry manure into their crop fertility programs can solve another problem, Cotnoir says--disposal of the waste generated by the birds they raise. There are more than 1,100 poultry growers in the state. Most of them have two 20,000-bird broiler houses. Each house cranks out about 130,000 tons of manure.

Because of its high nitrogen content, this manure requires careful handling to prevent nutrient loss through leaching and subsequent groundwater pollution. Scientists like Cotnoir say spreading it at calibrated rates on cropland is one of the best ways to dispose of the material safely and at the same time turn it into an asset.

One poultry producer who's well aware of the value of broiler manure and uses it whenever he can is Charles Postles. A member of the Delmarva Poultry Industry, Inc. grower committee, he owns a small farm west of Milford. He has two broiler houses, each with a 22,000-bird capacity, and uses the waste from them on his field crops.

"We know manure's good," Postles says. "The question is, how can we make best use of it? We've got these tons and tons of manure and we're pretty sure we're not getting all the nutrients out of it we could." He says he and other farmers look to scientists at the University to tell them how to manage resources like this more effectively.

That's one reason he agreed to cooperate last summer in a University of Delaware project aimed at finding a cheap way to store broiler manure so that it doesn't lose its fertilizer value while waiting to be applied.

"You're cleaning out a chicken house all the time," says Postles. "You don't always have available land to put the manure on." So Postles piles his manure high on the theory that less of it will weather or leach than if it is windrowed into low piles along the side of a field, as some farmers do.

At present no one knows how much nutrient loss occurs while the material is stockpiled awaiting application, though scientists say losses could be substantial, especially for nitrogen.

J. Thomas Sims, an expert on soil fertility and plant nutrition at the University of Delaware Agricultural Experiment Station,

(Turn to Page A28)

U. of Del. soil fertility scientist Thomas Sims samples stockpiled broiler manure in DPI sponsored project aimed at finding cheap storage method that minimizes nutrient loss.

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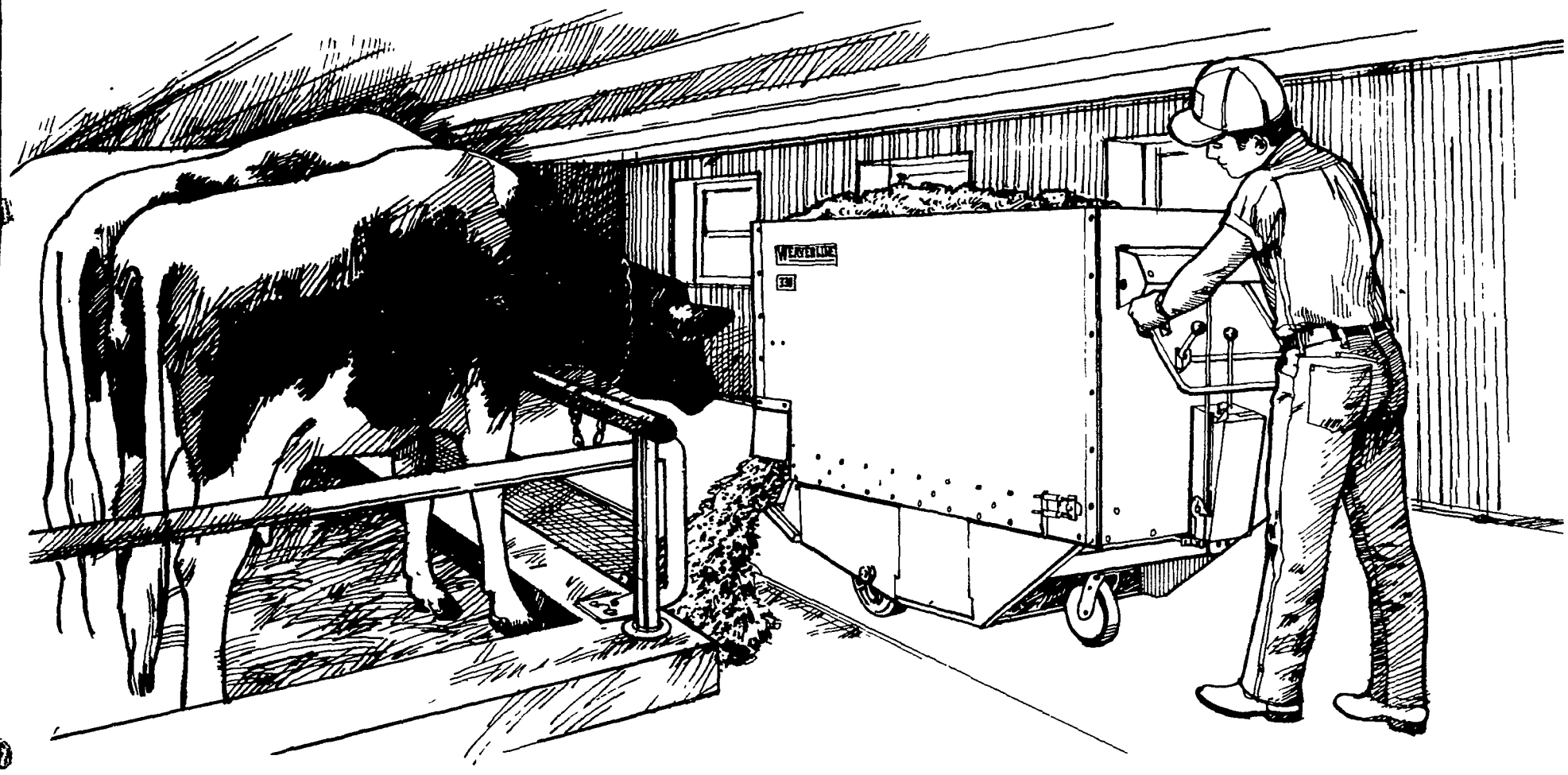

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Poultry manure

(Continued from Page A26)

is working with Postles and three other Sussex County poultry farmers in an effort to collect this information. He also hopes to identify a simple storage method which minimizes nutrient loss. The study is being supported in part by a $4,400 grant from DPI. Besides Postles, the cooperators involved are Allen Burbage, Frankford; Monroe Givens, Sr., Middleford Crossroads; and Marty Ross, Whitesville.

Last July Sims visited each farm while broiler houses were being cleaned out to establish manure test piles. He divided each pile into four sections: one with plastic above and below the manure; another with plastic underneath but not on top; a third covered only on top; and a fourth placed directly on the ground and left uncovered.

Sims visits each farm about once a month to collect samples from the four treatments and analyze them for changes in nitrogen content.

"Now that fertilizer prices have increased so much, we have to look at manure as a resource," says Postles, explaining why he decided to cooperate on the project. "I'm personally interested in how handling affects nutrient levels. I want to know if it's worthwhile to handle manure in certain ways."

Though he's already sold on using broiler manure and finds the practice pays, he's eager for more information. "I'd like to think that one by-product of Sims' work will be a better idea of the fertilizer value of manure. Some of its nitrogen is in a slow-release organic form. I'd rather have so many units of N in that form than in a commercial chemical form that leaches out or volatilizes before plants can use it.

"There's a little sandy ridge in one of my fields where I put on a couple of spreader loads of manure. Ten months later you could still see, to the row, a difference in limas grown in that part of the field. They did better."

Besides collecting field data on the four farms involved in his manure management study, Sims also is doing laboratory research on the rate of nitrogen release in poultry manure and is correlating this with plant uptake in the greenhouse. "This is basic research that will tell us how quickly organic nitrogen becomes available to the plant," he says.

Next summer he will go into the field to study how much N is available to corn under no-till and conventional tillage. He also plans to see how well some of the laboratory techniques he's been using to test nitrogen uptake by plants compare with actual crop uptake and yield. This part of the project will take a number of years, but in time may help farmers like Postles fine-tune manure applications for even greater crop benefit and savings.

State Grange to market farm supplies

HARRISBURG — The Pennsylvania State Grange announced recently that the farm organization begin marketing farm supplies in early 1983.

The new service, to be named "Pennsylvania Grange Farm Supplies," will offer fertilizer, seeds, baler twine and farm chemicals at discount to Grange members in the western side of the state. The service will be provided in cooperation with Agri-Chem., Inc., in Bowling Green, Ohio.

State Grange Master Charles Wismer said "marketing" will be a major emphasis of the State Grange in the next year, both in the organization's legislative efforts and in the services provided to members.

"With farm prices the lowest in years, it's important for farmers to save money on the products they must buy to operate their farms," Wismer said. "For many years, farmers have been buying retail and selling wholesale. The Grange Farm Supply service will provide the opportunity for Grange members to save money on some of the supplies they must purchase for their farms on a regular basis."

Wismer said he expects the Grange's prices to be "very competitive."

Grange members will order their farm supplies through agents located in western Pennsylvania counties. These agents and their sales areas will be announced early next year. Ron McMinn of Ridgeway, will head the service as farm supply coordinator and many Grange members have signed as agents for their counties.

Wismer said he expects the new service to begin operating in late January or early February. If successful, the service could expand into other areas of the state.

Del. Extension honors employees

NEWARK, Del. — During their recent annual conference in Rehoboth Beach, Delaware Cooperative Extension Service professionals honored two of their colleagues. The awards were presented by the Delaware chapter of Epsilon Sigma Phi, the national honorary Extension fraternity.

Employees recognized during the award ceremony were Kent County Extension home economist Jean Cranston Dover and Sussex County Extension secretary Barbara Gordy, Laurel.

Cranston, who retired Dec. 31 after 15 years of service, received the Outstanding Program Accomplishment Award. She is well known to residents of her county as a source of expertise on such subjects as food preservation and clothing care and construction.

Always concerned for the needs of special audiences, in 1979 she originated a solo parenting newsletter to inform and encourage men and women trying to raise their children singlehandedly. This fall she conducted a weight control class for clients of her county mental health association.

At the conference it is customary to recognize a staff member who provides essential support services for Extension professionals. This year the Outstanding Staff Award went to Barbara Gordy, who serves as secretary to two state Extension specialists. She also assists in routine operation of the University of Delaware Georgetown Substation and often handles the calls of Extension clients.

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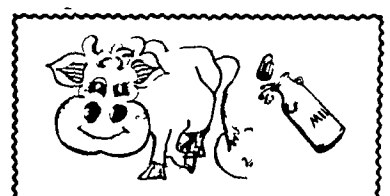

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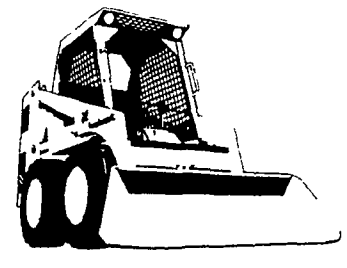

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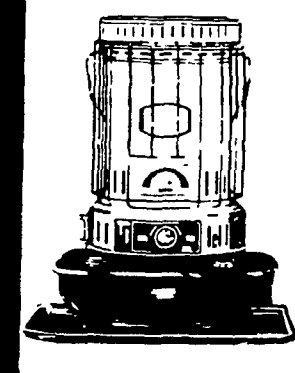

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Guest speaker at Monday's meeting, Paul Swartz, executive secretary of the State Conservation Commission, congratulates Mr. and Mrs. Albert Breneman of Mt. Joy for having been named Outstanding Conservation Cooperator couple this past March.

LCCD Board

(Continued from Page A1)

In reviewing the calendar for the upcoming year, members were reminded of the following events: Seminar on 'Solving Environmental Problems Through Cooperation,' scheduled for Jan. 27 at the Farm and Home Center; Informational workshop for all district directors and staff, Jan. 7, at the Embers in Carlisle, at 1 p.m.; and a Conservation tillage meeting, Tuesday, March 15.

Del. holds marketing workshop

NEWARK, DE — A marketing workshop for swine producers will be held at the University of Delaware Georgetown Substation on Jan. 26 from 8 a.m. to 2:30 p.m.

Featured on the program will be U.S. Department of Agriculture livestock analyst Jim Nix, speaking on the outlook for swine production in 1983; Dick Slay, account executive for Thomson McKinnon Securities, Inc., who will explain basis as it relates to swine marketing; and Delaware extension marketing specialist Carl German who will discuss hedging for the swine producer.

Following lunch, Carl toensmeyer, a University of Delaware specialist in agricultural marketing, will talk about how to choose a broker, and Delaware extension farm management specialist Don Tilmon will discuss managing production costs in 1983.

There will also be a session on how pork producers can manage a hedging operation. This will feature Salisbury, Md. farmer Howard Tucker and Bob Miller, agricultural representative for the Maryland National Bank.

Bob Horsey, president of Delaware Pork Producer's Association, will open the workshop.

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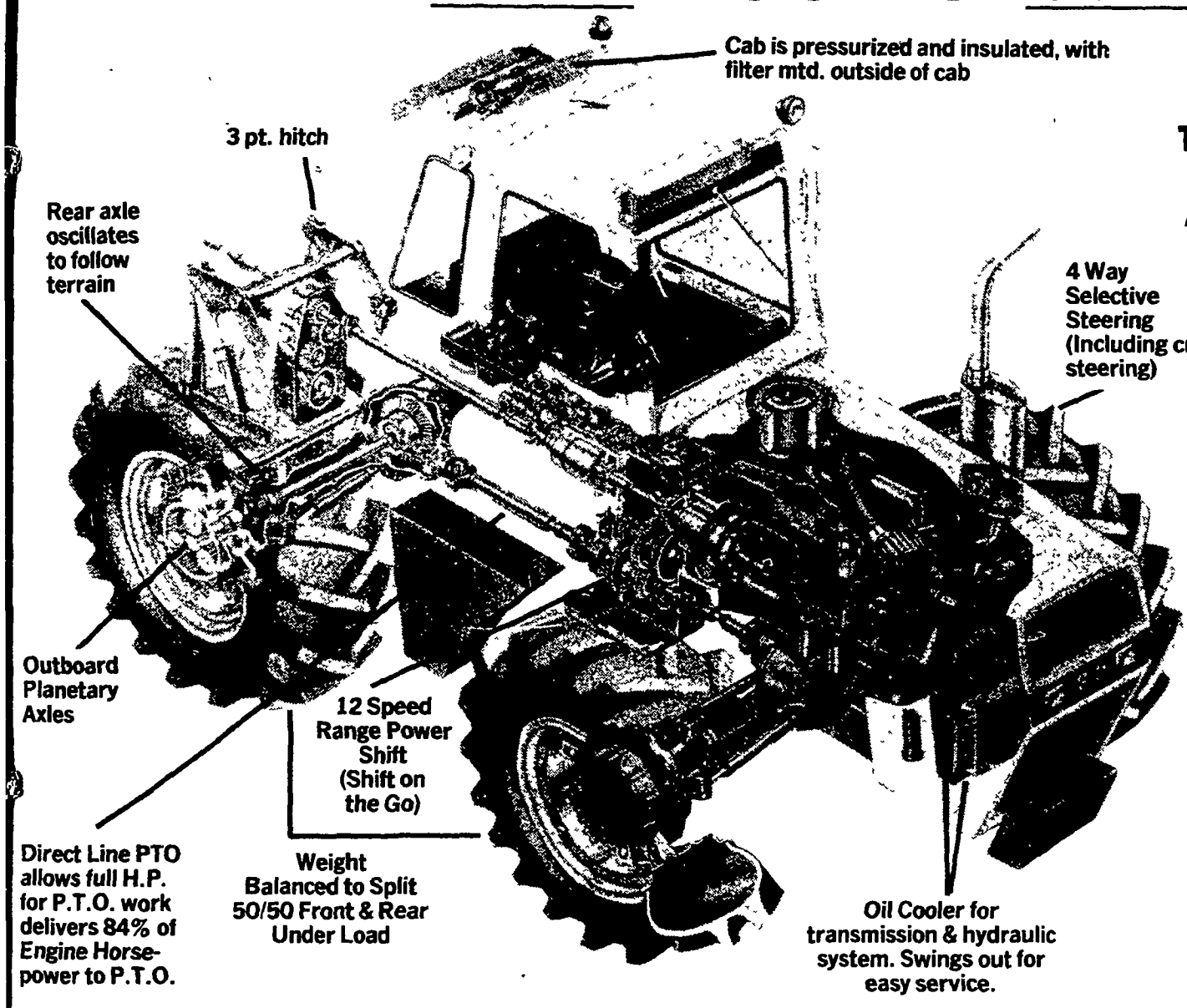
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Farm Bureau presidents finalize resolutions

PARK RIDGE, Ill. — State Farm Bureau presidents meeting as a national resolutions committee here have strongly endorsed a market-oriented agricultural system as the best way to bring excessive farm production in line with consumer demand and work out of current economic problems.

Chaired by AFBF Vice President Elton Smith, the committee considered resolutions, refined from those submitted by state and county Farm Bureaus and touching on a number of issues vital to farmers. All will be presented to the farmer-elected delegate body at the 64th annual meeting of the American Farm Bureau Federation to be held in Dallas, Jan. 9-13. Delegates will then consider the resolutions — one by one — and can adopt them, amend them, substitute for them, or reject them.

In a sweeping resolution on government farm programs the committee recommends a long term goal which would moderate price support loans for eligible producers at 75 percent of a previous five year average market price and use them to stimulate orderly marketing practices rather than as permanent farm subsidies.

The committee favors the "payments-in-kind" concept proposed by the Reagan administration to return government owned or controlled stocks of cotton, feed grains, and rice to farmers who reduce planted acres. The stocks can be fed to livestock, or re-sold in the market.

To answer a special problem in dairy overproduction, the committee would recommend that the Commodity Credit Corporation place a cap on the amount of dairy products it purchases under the existing federal program. The committee saw this as a move to phase-down dairy production and enable the industry to make necessary adjustments while maintaining minimum price supports of $13.10 a hundredweight to hold through 1985.

But the committee also would place sharp restrictions on the extent of government involvement in agriculture, limiting its function to necessary farm programs, and such factors as information, research, and conservation.

Considerable emphasis was placed on international trade problems. The committee resolved to oppose embargoes and moratoriums on U.S. farm exports. Except in the interests of national security.

The committee called for "sanctity of contract" policy, rejecting government interference in short-term agreements made with not just farmers foreign buyers.

The committee urged that foreign trade should be conducted on a commercial and not political basis, and deplored moves by foreign trading partners to place discriminatory restrictions against the sale of U.S. farm products, and to subsidize their own exports with government payments that rule out fair competition in world markets. The committee suggested consideration of retaliatory trade measures in cases where fair trade negotiations fail to meet the problem.

Among a number of other issues addressed, the committee declared opposition to the current immigration act which would require farm employers to require proof of citizenship from hired workers or face criminal penalties and cited failure of the act to provide a workable guest worker program to meet acute needs of seasonal harvest in several parts of the country.

Gypsy moth still spreading, USDA says

WASHINGTON, D.C. — In 1982, gypsy moths stripped 8 million acres of trees in the Northeast — 5 million fewer than in 1981, but still the second worst year ever, said a U.S. Department of Agriculture plant health official.

"It also has been a year for extensive gypsy moth spread," said Gary Moorehead of USDA's Animal and Plant Health Inspection Service. "So far, we've confirmed new infestations in 21 counties in 6 states — from Virginia to the West Coast."

The new infestations are in: California, Alameda County (two locations); Illinois, Du Page, Kane and Lake counties; Indiana, Elkhart County; Minnesota, Ramsey County; Virginia, Caroline, Chesterfield, Fauquier, Frederick, Goochland, Hanover, Henrico, Loudoun, Northhampton, Northumberland, Prince William, Richmond, Shenandoah and Warren counties; and Washington, Pierce County.

In addition, 114 counties in 18 states reported traps containing several moths, according to Moorehead. Additional surveys will determine if these multiple catches represent new infestations.

Moorehead said the moth spreads a few miles each year by natural means — such as the wind — but that outlying infestations are the result of artificial spread.

"A single gypsy moth egg mass — on outdoor household goods moved across the country, for example — can result in a new infestation thousands of miles away," he said. "Even though we enforce regulations designed to prevent long-distance spread on nursery stock, logs and other articles, the number of new infestations has mushroomed."

He said this is partly due to moth population increases in the Northeast.

"Also, movement of people and goods is constantly increasing, compounding the risk of spread," he said.

In 1982, USDA cooperated in eradication treatments in 14 states in 37 locations — using chemical and biological insecticides and mass trapping. Moorehead said discussions are underway on how to deal with the latest infestations and that public meetings will be held.

"People moving vehicles and goods caused this spread," he said, "and people can help prevent it.

"If you live in the infested area, call your state department of agriculture or a USDA-APHIS plant protection and quarantine office before moving outdoor household goods. Inspectors will find and remove egg masses or other moth life stages — to insure that you leave gypsy moths behind when you go."

Some corn yields 200 gallons per acre

ANAHEIM. Calif., — Cornstalk juices can yield 200 gallons of alcohol per acre, a U.S. Department of Agriculture scientist has announced.

Plant geneticist N.W. Widstrom said that the 200 gallon alcohol yield seemed reasonable from presently grown commercial hybrids. This figure was at the top range of the 50 genetic types of corn evaluated.

The scientist, who is with USDA's Agricultural Research Service said that some untested exotic corn or even an untested hybrid could possibly yield more than 200 gallons per acre from the stalk juices alone.

Widstrom's research is part of a broad program to evaluate different crops for their fuel alcohol potential. Other scientists are currently evaluating sugar beets, sugarcane, sweet sorghum, and sweet potatoes. The aim of this research is to identify crops that have the best potential as a carbohydrate source for making gasohol. Corn grain is currently used in commercial gasohol production.

In his work with corn, Widstrom based his 200 gallon yield estimate on total juice yield of each corn type. He pointed out that the alcohol yield from the fermentation of the entire plant would be somewhat higher.

"What could make corn grain competitive," said Widstrom, "is the fact that its fermentation byproducts are valuable. Distillers grain, for instance, makes a very good animal feed supplement."

Widstrom is located at the USDA-ARS Southern Grain Insects Research Laboratory, Tifton, Ga.

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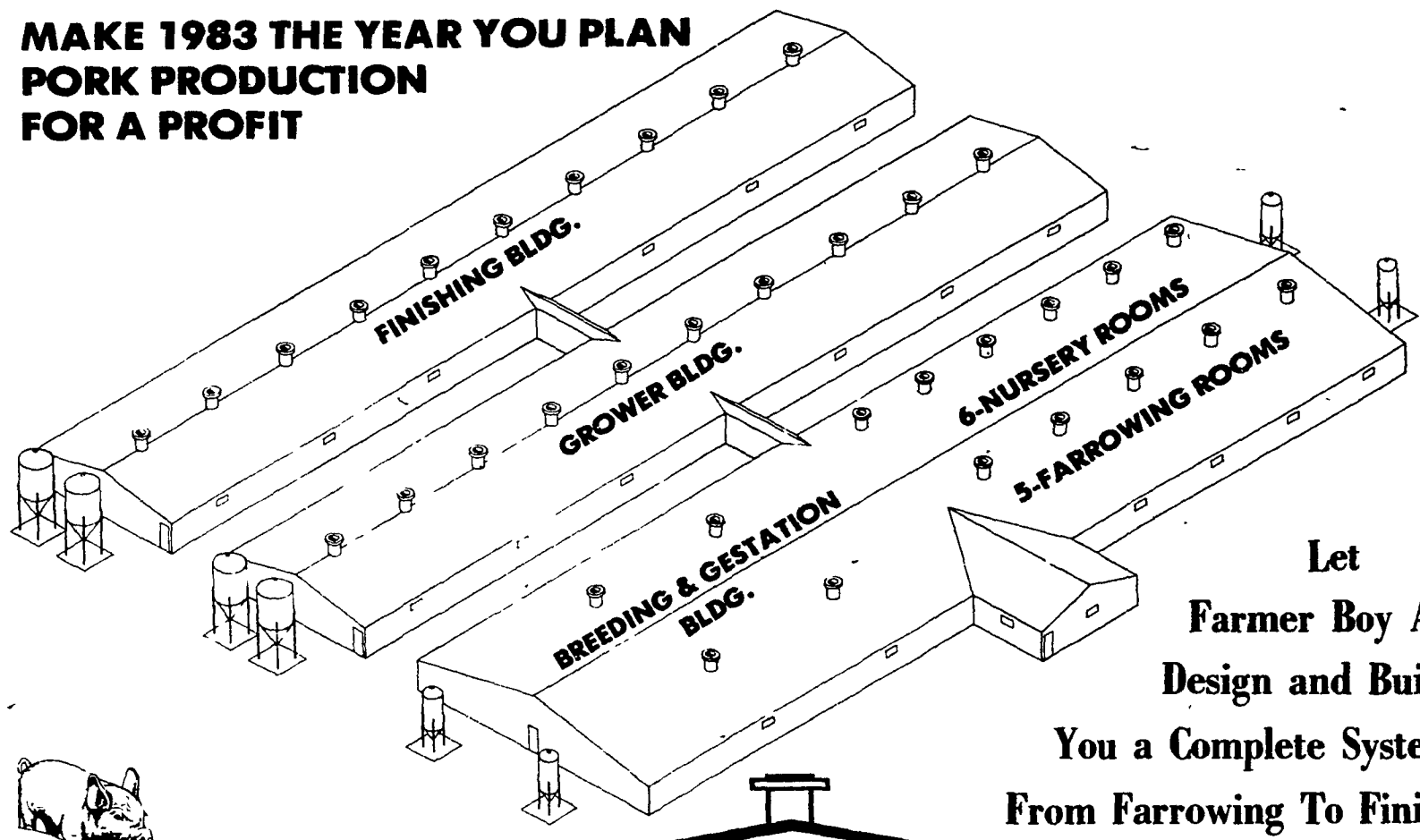

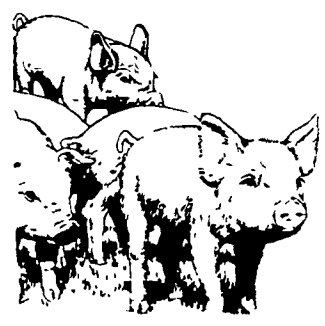
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Lancaster tobacco show on Tuesday

The Annual Lancaster County Tobacco Show for youth and adults will be held Tuesday at the Farm and home Center in the Extension basement meeting rooms.

The show will be conducted according to the following schedule:

9:30 - 11:30 a.m. — FFA and 4-H Club entries due;

9:30 - 1:30 p.m. — Adult entries due;

1:30 p.m. — Judging begins.

The classes that are being offered for this show will be the same as for the State Farm Show and are as follows:

Class 1 - Wrapper B's — Div. A Long wrappers, over 26 inches; Div. B Short wrappers, 26 inches and under.

Class 2 - Filler B's — Div. A Long fillers, over 26 inches; Div. B Short fillers, 26 inches and under.

Class 3 - Binder Type — Div. A Long binders, over 26 inches; Div. B Short binders, 26 inches and under.

Class 4 - 4-H Club Wrappers — No length specified.

Class 5 - 4-H Club Fillers — No length specified.

Class 6 - FFA Wrappers — C1 — No length specified.

Class 7 - FFA Fillers — C2 — No length specified.

An exhibit of tobacco consists of a hand of 15 leaves tied with a tobacco leaf. Select leaves that are uniform in size, color, texture and free from insect, disease or mechanical damage.

A brief description of the classes:

Wrappers — These leaves should have a rich chestnut brown color; be of medium weight with good stretch; ususally come from the middle of the stalk.

Fillers — Leaves can be similar to wrappers but are heavier in body, feel and texture; may be darker in color; usually come from the top of the stalk.

Binders — The deluxe leaves, are very thin with a silky feel; light chestnut in color and having plenty of life and stretch.

Both FFA and 4-H Club members may also exhibit in open classes - 1, 2, or 3.

Tobacco growers as owners, families, partnerships or any other management arrangement will be limited to no more than two exhibit hands per division, both long and short, of each class in the open part of the show. This adds up to four entries per class as the maximum. It has become necessary to limit the entries coming from one farm or farms operated under one management. Youth exhibitors will be permitted one hand per class in their youth show and one per division in the open show.

All exhibits entered in the County Show will be taken to the State Farm Show unless the exhibitor requests otherwise.

Meat Processors travel to Internat'l Trades Fair

ELIZABETHTOWN — The American Association of Meat Processors will offer three tour options to the 1983 International Meat Trades Fair in Frankfurt, West Germany, and will also feature a program for the National Meat Trades Fair in London, one week later.

The AAMP programs will include a four-night hotel-only package starting at $305 per person, a nine-night air and hotel option for $1395, and a deluxe nine-night tour offering air, hotel, visits to four meat packing and processing plants, a Rhine cruise, visit to Heidelberg, daily buffet breakfast, dinner at the Kronberg Castle, other scheduled dinners and meals, admission to the IFFA, transfers, hotel service fees and taxes. The deluxe trip will operate from May 27 to June 6 and is priced at $1585. Fares will be higher for single occupancy.

The tours are based on New York City departure and return, although it will also be possible to fly direct from Atlanta, Boston, Chicago, Dallas, Miami, Toronto, Montreal, Los Angeles and San Francisco for differing air fares.

Participants will be able to fly on Lufthansa, Pan Am or other scheduled airlines and may extend their European stays to a total of 90 days. This will also provide an opportunity to visit the 11th National Meat Trades Fair to be held at Harrogate Centre in London, June 12-15. A four-night stay at London's Portman Intercontinental Hotel will cost $265 per person for the dates of June 11-15, exclusive of Frankfurt-London transportation arrangements.

The tour will be the third sponsored by AAMP to the IFFA, the world's largest meat industry exposition. The event is expected to draw 75,000 persons and features 800 exhibitors from 53 countries. For additional information and an IFFA tour brochure, contact AAMP, P.O. Box 269, Elizabethtown, PA. 17022. Phone: 717/367-1168.

Penn State starts McClellan scholarship

UNIVERSITY PARK — The Willis L. McClellan Memorial Scholarship Fund has been established at Penn State to provide financial aid for superior students in agronomy.

The Chevron Chemical Co. has donated the initial principal for the scholarship, in recognition of McClellan's leadership in the conservation tillage movement.

Except for two periods during which he worked in agricultural industry, McClellan was a member of Penn State's faculty from 1957 until his death on June 10, 1982.

He joined the University in the Cooperative Extension Service in 1957. In 1963, McClellan was appointed assistant professor of agronomy and superintendent of Penn State's South West Field Research Laboratory.

In 1969, he became associate professor of agronomy extension. He was promoted to professor of agronomy extension in 1974.

Undergraduate or graduate students in agronomy who have shown superior academic ability and need financial aid to complete their studies are eligible for the scholarship. In addition, students should have an interest in conservation tillage and weed science.

Recipients will be selected by the Scholarship Committee of the College of Agriculture.

The number and amount of awards will depend upon annual income from the fund. Other stipulations include: no award is to be less than $750, and no award is to be given during years when no qualified candidates exist.

Awards will be for one academic year only, with renewal for subsequent years possible if money is available and applicants remain eligible.

contributions to the scholarship fund may be made by interested persons, groups or companies.

Ford waives finances for one year

TROY, Mich. — Ford Motor Company is offering to pay finance charges on new-model farm and industrial tractor purchases for up to one year, according to R.J. Nicolazzi, general operations manager for Ford Tractor Operations in North America.

Nicolazzi said Ford tractor dealers, under the terms of a new retail financing program, will offer to waiver finance charges for the entire 1983 calendar year on December-through-February purchases of any new-model Ford over-30-horsepower farm tractor, industrial tractor or wheel loader.

He said Ford also is offering up to six-month waiver-of-finance programs on the December-through-February purchase of any new under-30-horsepower Ford tractor, as well as any used Ford tractor or wheel loader at participating dealerships.

"On a $40,000 equipment purchase, customers could save more than $4,000 over a 12-month period on finance charges," Mr. Nicolazzi said.

Schmidt receives DeKalb crop science award

ANAHEIM, Ca. — John W. Schmidt, George Holmes Professor of Agronomy, University of Nebraska, Lincoln, received the DeKalb Crop Science Distinguished Career Award recently at the annual Crop Science Society of America luncheon.

The award, financially supported by DeKalb AgResearch, Inc., and presented by CSSA, is given to a crop scientist who has exhibited an outstanding record of service over a period of at least 25 years.

His research and teaching have been in plant breeding with emphasis on wheat breeding. Prominent in his research has been the development of hard red winter wheat germplasm and cultivars with disease resistance and wide adaptation. Twenty-two hard red winter wheat, three spring oat and two winter barley cultivars have been developed and introduced through this research program. These hard red winter wheat cultivars have had a major impact on the production of winter wheat in the Great Plains.

He has received many recognitions and awards for his research including ASA Fellow and the CSSA Crop Science Award, Gamma Sigma Delta International Award for Distinguished Service to Agriculture and the University of Nebraska Outstanding Research and Creativity Award. He holds degrees from Tabor College, Kansas State University and the University of Nebraska.

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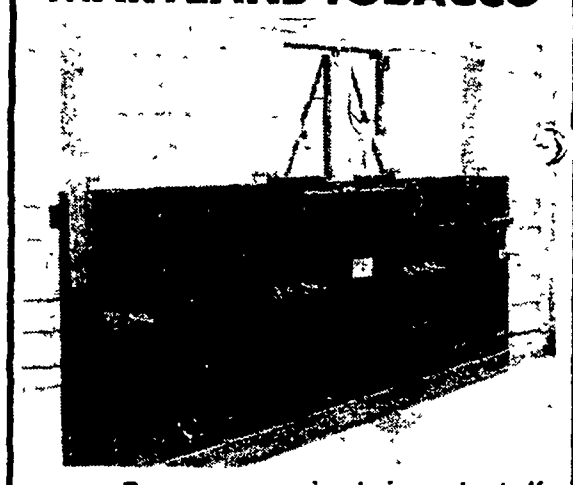
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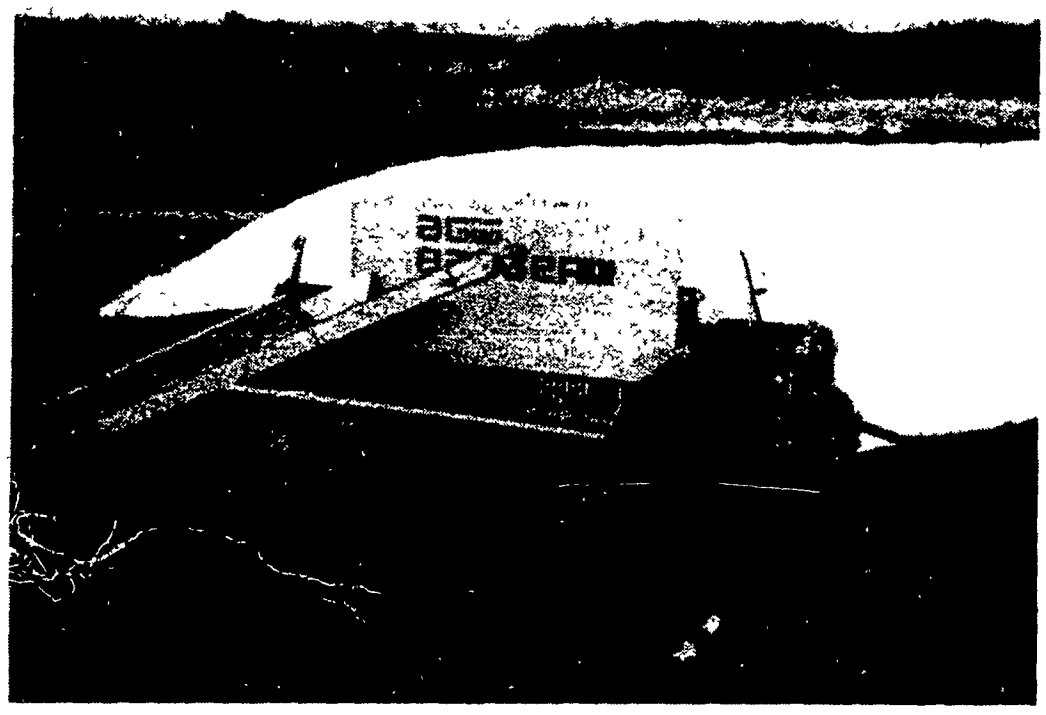

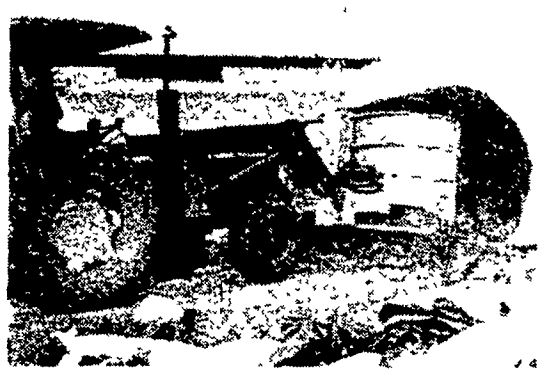

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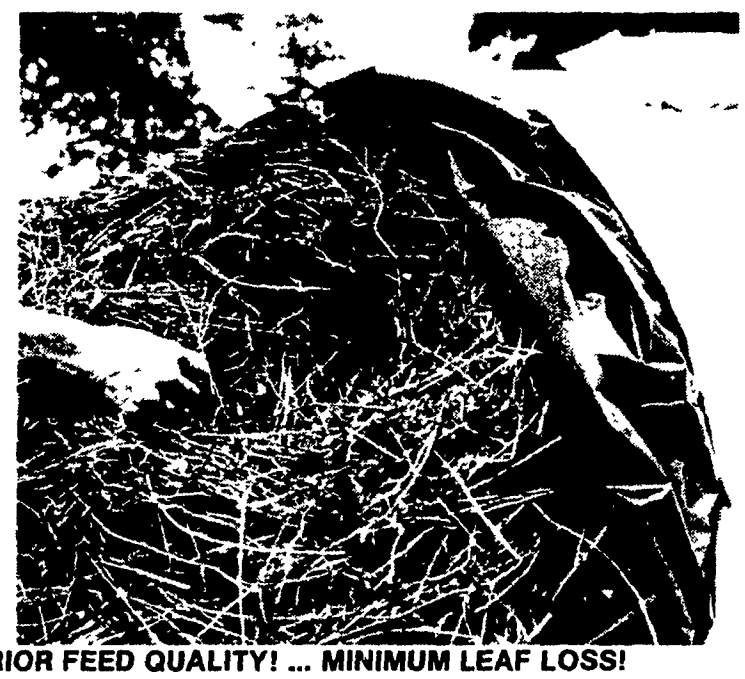

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Pork Congress coming soon

UNIVERSITY PARK — Next month's Keystone Pork Producers' Congress will feature speaker Ray Wilkinson, director of farm relations for WRAL-TV in Raleigh, North Carolina, along with the day-long event's educational and commercial programs.

Wilkinson is an internationally known specialist in the field of communications. He has traveled throughout the world as a member of major U.S. trade missions and has covered USDA missions to Romania, Hungary, Poland, Yugoslavia, Italy, Great Britain, and Iran, plus numerous other countries.

The recipient of prestigious communications awards, Wilkinson has been broadcasting agricultural news for more than 25 years in the Southeast.

This year's Keystone Pork Producers Congress will be held Thursday, Feb. 17 at the Penn Harris Motor Inn, Camp Hill. Registration begins at 8 a.m.

From 10 a.m. until noon, a "Market and Outlook for Pork Production" session will feature remarks from Penn State's H. Louis Moore, with John C. Becker, assistant professor of agriculture law with Penn State Extension, discussing estate planning.

Production topics will be on target during the afternoon session. National Pork Producers' Council director of education and

research, David Meisinger, will speak on the "Pork Value Campaign." Later, Robert Kimble, director of the Pa. Meat Animal Evaluation Center, will analyze "Where we are — Carcass Values." And finally, Penn State's Matthew J. Parsons will cover boar selection.

The Pennsylvania Porkettes will be meeting from 10 a.m. until noon.

The evening banquet will begin at 6:30 p.m. The Youth and Pork All-American awards will be presented during the evening festivities.

Banquet tickets for the Congress, which is sponsored by the Pennsylvania Pork Producers' Council, are available in advance for $12 per person; advance registration for the Congress is $3, at the door, $4. Ticket orders should be sent to Abe Fisher, R1 Box 98A, Kinzer, PA 17535.

For more information on the Congress, contact Grant W. Sherritt, 324 Animal Industries Building, University Park, PA 16802; telephone 814/863-3661.

N.Y. Cattlemen to meet Jan. 29

ROCHESTER, N.Y. - H. Louis Moore, professor of Agricultural Economics Extension at Penn State, will be the featured speaker at the annual meetings of the New York Beef Cattlemen's Association and the New York CowBelles Jan. 29. at the Hilton Inn on campus, here.

Moore will speak on "The Economic Transition of the Beef Business" following a luncheon and presentation of special awards.

Moore has been a member of the Penn State staff since 1955 and received both his bachelor's and master's degrees from the same univeristy. From 1955-58 he served as Pennsylvania's first area marketing agent and was stationed in Erie where he worked with both producers and marketers of agricultural commodities. He has been on the University Park campus since 1958 working as Extension economist and specialist with livestock, meat and grains.

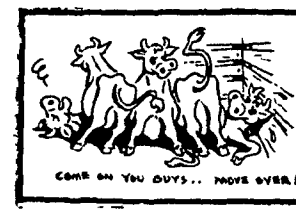
Moore consults with individual firms, helping them with marketing problems and financial statements. He has developed a format which meat packers and feed dealers have used to improve relations with their bankers.

He served on the Bahamas International Aid Project from 1973-77 and in 1978 was a program participant at the National Meat Association's national meetings in Hawaii.

The annual membership meetings of the New York Beef Cattlemen's Association and the New York CowBelles will be held the morning of Jan. 29. Each group will elect officers for the year and plan programs for 1983.

The two organizations will join for the awards luncheon, the crowning of the 1983 Beef Queen.

Committees of both organizations will meet Jan. 28 and a Trade Show will be held both Jan. 28 & 29. Information about the meetings may be obtained from Robert Good, executive secretary of the New York Beef Cattlemen's Association, R1, Butler Rd. Perry, N.Y. 14530.



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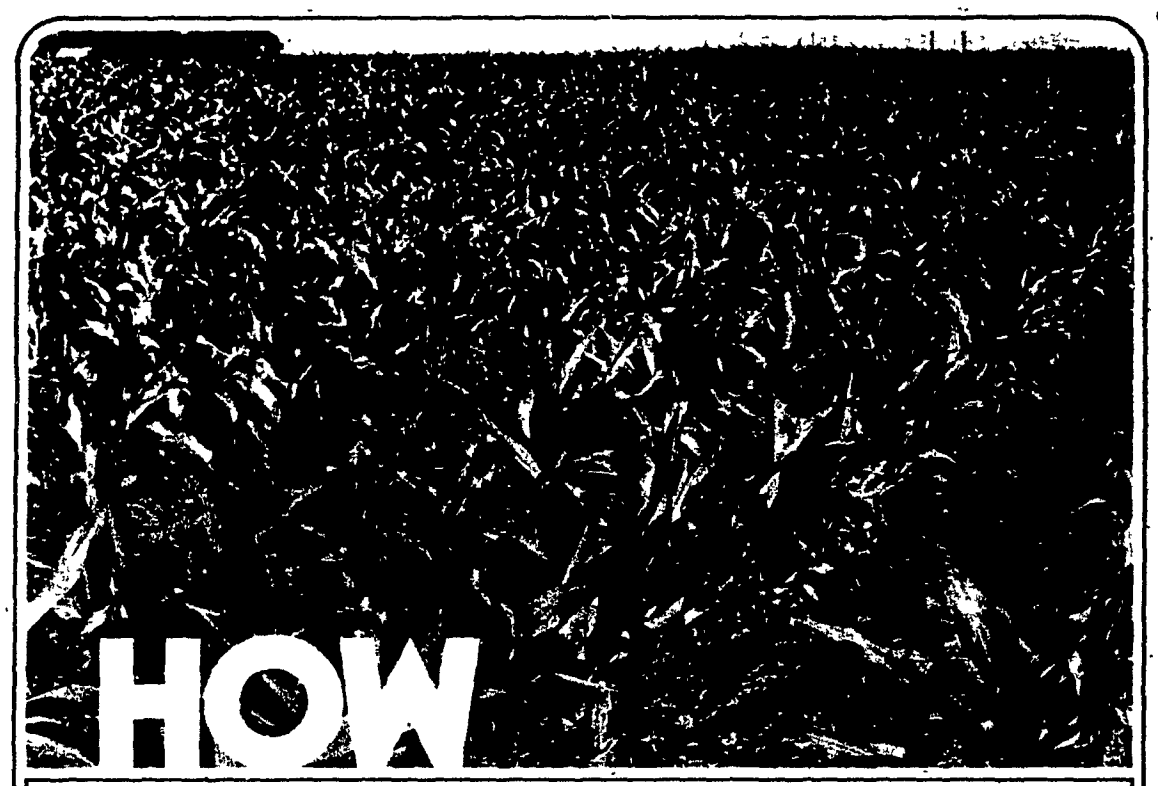

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Soybean farmers seek recovery

ST. LOUIS, Mo. — Soybean farmers-reeling from a second straight year of low prices-are taking action to stage a soybean recovery.

"Farmers are tired of experiencing an equity erosion," says American Soybean Association President B. B. Spratling, Jr., A Roba, Alabama farmer. "We're caught in a trap of declining cash prices and increasing production costs. Prices haved dropped 50 cents a bushel since last January and more the $3.50 a bushel since November 1980. Farmers can't continue eating our equity and survive. We can't live on these cheap prices.

"This association isn't going to sit back doing business as usual. We've re-directed our priorities to add more short-term programs. We're taking action to help re-build soybean farm income."

In reviewing the year, Spratling said the soybean association had developed several programs to help boost soybean income. He said these included the anti-embargo contract sanctity legislation, a soybean oil sales campaign, an emergency expansion program, continued emphasis on export promotion and soybean utilization research.

"Contract sanctity is the most important piece of farm legislation in recent years," Spratling said. "It represents an end to the embargo hangover brought on by four grain embargoes in the last 10 years. Soybean farm leaders created this anti-embargo concept as a method to insure our international customers that the U.S. would continue as a reliable supplier of food and farm products. The legislation prevents a U.S. President from canceling private farm export contracts and insures our customers that we will deliver what we promise to sell."

Despite late planting because of wet cropland, U.S. farmers produced a record 2.299 billion bushels of soybeans in 1982 - a 14 percent increase over the 1981 crop which was 13 percent larger than the 1980 crop. While exports are expected to increase 30 million bushels this year, production increased 284 million bushels. This production, combined with a nearly 1.5 billion pound soybean oil, surplus led to steadily declining prices throughout the year.

Recognizing the potential problem, ASA directors in March authorized the staff to begin a research and education program on the use of soybean oil as an agricultural chemical carrier. This program has blossomed into a major campaign promoting non-food uses of soybean oil. The Association's farmer-directors approved an additional $272,500 in December to launch an extensive research, promotion and education campaign to expand soybean oil use as an agricultural chemical carrier; to encourage the use of soybean oil as a grain dust suppressant and to promote soybean oil as a replacement for petroleum oil in industrial uses.

"We're drowning in a sea of surplus soybean oil," Spratling says. "These programs are intended to expand consumption of soybean oil which will increase the prices farmers receive for soybeans. We're currently faced with a surplus of more than 1½ billion pounds of soybean oil and need to seek new or expanded uses if we want soybean prices to recover."

More than 350 farmers serving as ASA voting delegates last August voted their support for ASA's contract sanctity and soybean oil expansion programs. In addition, these farm leaders adopted a special resolution urging immediate action to end the soybean recession. They signed petitions asking the U.S. government to increase PL480 soybean oil shipments; increase Commodity Credit Corporation funding for export expansion efforts for soybeans; and aggressively seek the elimination of export subsidy programs used by Brazil and other nations.

Spratling said these emergency programs were added to the ongoing Association programs to promote improved profitability for U.S. soybean farmers.

"ASA is currently conducting 200 export promotion activities in 76 countries around the world," says Roger Asendorf, a St. James, Minnesota, farmer who serves as ASA vice president for market development. "Most of these programs concentrate on soybean oil promotion. From Germany to Thailand, we're working to expand the use of soybeans and soybean products. This includes an effort to show international customers how to use soybeans in feed and food products. During the past year, we opened our tenth overseas office in Peking, China. In addition to finding new markets for soybeans, many of our projects are aimed at maintaining exisiting markets. We continue to export more than half of our soybeans."

Chase Econometrics, a private consulting firm, released in July a comprehensive report on the economic effectiveness of soybean checkoff-funded export promotion. According to the Chase report, export promotion allowed soybean farmers to sell more soybeans at higher prices. Specifically, Chase Econometics said gross soybean income increased $57.50 for every checkoff dollar invested in export promotion.

ASA also continued its emphasis on soybean research.

"We allocated more than half of our research funds to projects seeking new or improved uses for soybeans and soybean products," says Ed Schettler, an Emmetsburg, Iowa, farmer currently serving as ASA vice president for research. "Much of our work is concentrated on improving the quality of soybean oil in an effort to help expand oil sales. Our production research included basic research on water stress, investigations on soil erosion and tillage systems, and basic research on soybean physiology and germplasm. These efforts will ultimately benefit soybean farmers by improving management practices and expanding potential demand."

ASA President Spratling said more than 700 soybean farmers served as volunteer leaders in state soybean associations, state soybean checkoff boards, the American Soybean Development Foundation or the American Soybean Association during the past year.

"The Soybean Association achieved its fourth straight year of membership and a Mulberry, Arkansas, farmer. "We believe the soybean recovery will come through a successful blend of membership and checkoff activities. Members and volunteer leaders establish the association's policies and set program priorities. We're currently involved in a major membership campaign. In fact, soybean farmers who sign members have an opportunity to win membership contest prizes that include four Datsun 4x4 pickup trucks or trips for two to Japan. We feel this ASA-Nissan membership campaign will help the association and help farmers stage the soybean recovery."

In addition to membership growth, ASA reported that five states increased their checkoff funding amount during the past year. Florida, Kansas, Nebraska and Virginia farmers increased their checkoffs to one cent a bushel while Texas farmers began the first state in the U.S. with a two cent checkoff. At the SOYBEAN EXPO in August, South Dakota became the 25th state soybean association affiliated with the American Soybean Association.

"The Soybean Association has set the stage for a soybean price recovery," says ASA's Spratling. "We can't promise instant solutions, but our actions have positioned soybeans for a faster recovery than other farm crops. The programs we've developed and implemented will help create a better balance between supply and demand and should help boost soybean prices. We're taking action to help soybean farmers."

PUBLIC SALE

FARM MACHINERY, HOLSTEIN DAIRY HERD
MILKING EQUIPMENT — WORK HORSES
ANTIQUES, 85 ACRE DAIRY FARM
THURSDAY, FEB. 17, 1983
9:00 A.M.

Located in Roaring Creek Township, Columbia Co., PA - 10 miles south of Bloomsburg, 5 miles north of Numidia. From Rt. 42 go east at Ideal Park sign, go to 2nd road left, follow to sale.

85 ACRE DAIRY FARM
REAL ESTATE AT 12:00 NOON

Real Estate consisting of a large 44x80 barn with new 43 stall dairy barn attached, new milk house, manure pit, 14x55 silo, 2 car garage, corn barn and cribs. 2½ story frame house, 3 rooms and bath downstairs, 4 rooms and bath downstairs, walk in basement, oil base board heat.
Terms: 10% down, final settlement 60 days or negotiable.

DAIRY HERD 1:00 P.M.

60 Head Hi-Grades, 30 milk cows, 6 first calf, 5 fresh Nov., 10 in Dec., 6 head due by sale time, 5 due in March, balance in all stages of lactation, 7 heifers due in Jan. & Feb., 2 heifers due in April, 7 bred for fall freshening, yearlings to calves. Cows and heifers mostly all sired by A-1 bulls, Elevation, Transmitter, Lucky. 5 month old Chairman daughter can be registered. Herd peaked in '82 over 50 lb. milk per cow 4.2 fat. This herd has good size and type. 30 day charts, pregnancy checked.

MILKING EQUIPMENT

600 gallon Mueller milk tank, used 3 years, direct expansion; 3 Conda milker units; 50 lb. pails with Rotary or vacuum pulsation; Conda vacuum pump; 3 h.p. Lehigh compressor; dairy table; Sputnick milk transporter; 12 volt control box; heat detectors; Kow Kant Kick, etc.; Wic bed & chop straw chopper, A-1 condition.

6 HEAD HEAVY HORSES & HARNESS

1 pair 5 year old bays, 5 year old single roan, pair smooth bays, single sorrell mare. 7 set harness, bridles, hip backers, collars, 3 set check lines, jockey sticks, etc. **1 horse sleigh & Bob sleigh**; pony cart; harness; bridle and Western saddle.

FARM MACHINERY & SHOP TOOLS

New Holland 455 mower w/7 ft. bar and Wisconsin engine; McDeering No. 2A hay conditioner; Vicon 4 wheel rake; M.F. 12 baler, No. 82 thrower; 24 ft. bale elevator; 2 M.F. flat bed wagons, 16 ft. & 14 ft.; J.D. 24 discs; K.B.A. disc harrow; 3 section spring tooth harrow; 9 ft. single cultipacker; Oliver 14 in. 2 ways plow, steel bottom; Oliver 2 bottom trailer plow; 14 in. steel field roller; McDeering 12 in. 2 bottom trailer plow; International 2 row corn planter; 2 horse cultivator; roto beater w/Ford engine; New Idea 323 corn picker, good condition; Papec silage cutter; New Idea 12A manure spreader; Farmall 460 tractor w/pulley, P.T.O., hydraulic on steel; New Holland 352 grinder mixer, nice condition; single chain utility elevator; boom sprayer, 200 gal. tank; roller pump; Wisconsin 2 cycle baler engine; Brady hay conditioner; John Deere 12A baler for parts; Ford baler for parts; 12 volt Gandy applicator; platform scales; bag wagon; 100 ft. endless belt; small seed broadcaster; chain saw; mineral feeder; 2 gal. water troughs; 25 bags fertilizer; Shaver post driver, hydraulic; 20 ton hydraulic jack; binder & baler twine; gas fruit dryer; 23 pieces new roofing tin, 3 x 16 ft.; rubber tire & wheels; Acetylene torch complete w/gauges, cart; Sears Sallon well pump w/tank; incubator; 3 section gang lawn mower; lawn roller; pipe fittings; No. 20B water ram; corn meal grinder; feed & silage carts; brooms, shovels, etc. Handyman jack; oak lumber 6x8x16 ft. long; Enterprise meat grinder w/motor; sausage stuffer; Tappan countertop oven; hydraulic and electric motors; few small items not mentioned.

Owner:
AMOS E. LAPP

Auctioneer: Steve Petersheim, 717-786-4624

A. TODD STERMER
ELMIRA, CHEMUNG CO., N.Y.

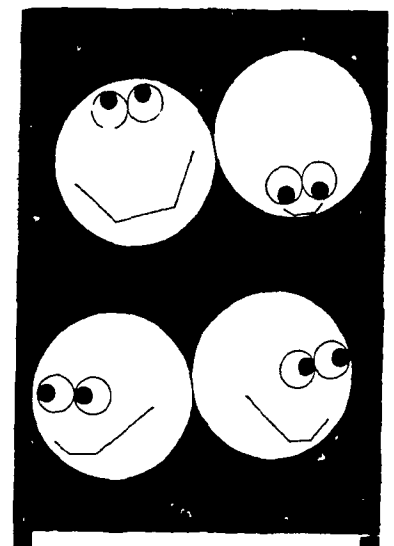
FARM MACHINERY AUCTION

having decided to discontinue farming we have been comissioned to sell on
SATURDAY, JANUARY 8th
@ 10:30 A.M.
at the farm Watercure Hill Road 3 miles north of Elmira, N.Y. use Church Street exit of Rte. 17 Expressway - 1st light turn right (Judson) go 1 block to Sullivan turn right, go 1 block to East Ave. and follow 3 miles to the farm.

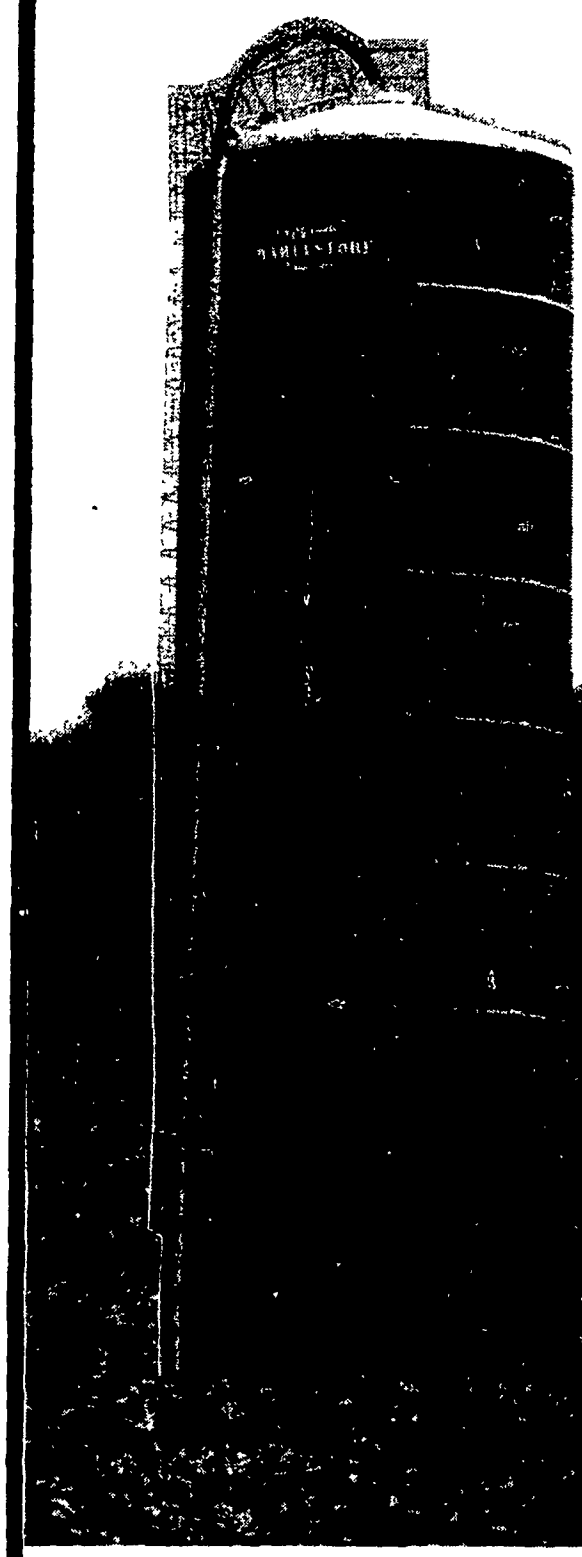
TRACTORS: Oliver 1950 GM diesel; Farmall 400; Int. 500C dozer all angle blade with 1300 hours; MF 5 x 16 semi mtd. plow; disc; drags; JD 270 corn planter; sprayer; barrel spreader; AC mower cond.; NH 271 baler w/thrower; 2 good kicker wagons; IHC #15 chopper w/3 heads; NH blower; Gehl & Kasten self-unloading wagons; Winpower 12000W generator; NI 3 pt. fert. sower; Mayrath 32' hay-grain elevator; NI #7 corn picker; Kilbros gravity wagon; 3 pt. scraper blade; trailer; 1937 Chevy dump truck.
CATTLE: 3 Hereford cows and calves.
MILKING & BARN EQUIPMENT: DeLaval 4 unit glass pipeline milking system over 40 stalls; Mueller 500G bulk tank; Meuller tank washer; Patz 14-16 silo unloader; silage carts; 20 stanchions dividers & frame; Jamesway silo unloader; 16 x 40 Corostone silo to remove.
SHOP TOOLS: Anvil, vise & bench; chargers; air compressor; tire changer; jacks; motors; planes; drills; hose; cords; tool box; nuts & bolts; etc.
PRODUCE: 2000 bales of hay by the bale in lots of 500.
ANTIQUES: Marble top dresser; mirror; 3 drawer dresser; 2 ox-yokes; Franklin Stove; adding machine, crocks; Kraut cutter
Sale order: shop tools, antiques, farm equip., produce, cattle.
TERMS: CASH OR GOOD CHECK
LUNCH AVAILABLE

Owner,
A. TODD STERMER

Howard W. Visscher
Sales Manager & Auctioneer
Nichols, N.Y.
607-699-7250



DON'T LOOK ANY FURTHER!
YOU'LL FIND IT IN LANCASTER FARMING'S CLASSIFIEDS



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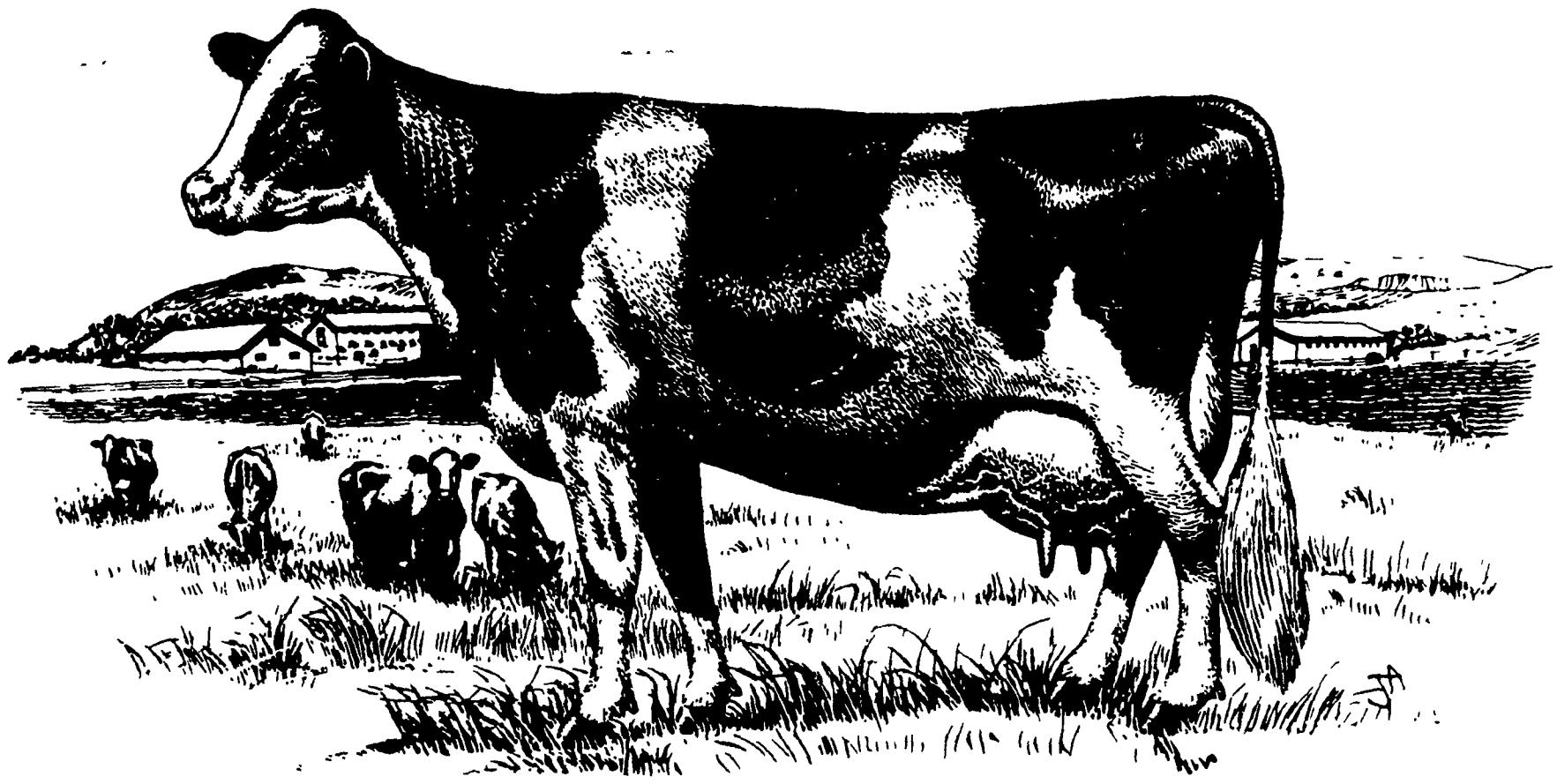

HIGH EFFICIENCY FOR HIGH NET PROFIT

We're ready to help you squeeze more profit from every one of your cows with this new Master Mix dairy feeding program. Based on the concept of phase feeding, the new program consists of new Multiphase dairy concentrate and two Density Plus Nutrient Pacs — Silage Pac or Legume Pac.

Multiphase is a foundation concentrate that is formulated with the basic nutrition for the entire lactation cycle. To build rations to meet specific nutrient needs Master Mix Research developed the Density Plus Nutrient Pacs. This new Master Mix Multiphase Dairy Feeding Program is the most comprehensive in the marketplace today.

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Val Prasse, Wrightstown, has always enjoyed animals and has worked for several years as a veterinary's assistant. Her decision to major in dairy husbandry at college came in part from this experience and in part from the courses that Delaware Valley College offers.

Though they're not from a farm

New year looks promising for 2 dairy enthusiasts

Everybody who attends an ag college comes from a farm and will eventually return to it, right?

Wrong.

In 1982, the graduating class in dairy husbandry at Delaware Valley College, Doylestown, can brag of only 8 out of 23 students that actually derive from the farm.

The other 14 students gained an interest on their own and pursued it further with a major in the field at college.

At Delaware Valley, these 14 students were able to experience more than course work to convince them that they made a wise decision; they also were given the chance to gain "hands-on" experience through two courses titled 'Dairy Husbandry Techniques I and II'.

Two of these 14 students bringing varied backgrounds to the group of future dairy managers, are Bill Osborn and Val Prasse.

Bill Osborn

Bill is from Wayside, N.J., near New York City. Currently, he is employed part time for a lobster fishing firm.

At one time, Bill's goal was to become a police officer, following in his father's footsteps. However, during his junior year in high school, he visited and worked on a friend's dairy farm.

From that moment on, Bill developed an intense interest for the dairy industry, culminating in his decision to major in the field at college.

One of the reasons he chose Delaware Valley College was its curriculum. To Bill it seemed very practical because it provided an opportunity to work with cows.

The techniques course which impressed him most, emphasized the need for hands-on experience.

Technique I explains milking procedures and practices, milking equipment, and various factors of management. It also demonstrates everyday practices of administering medication to a herd, dehorning, ear tagging and observing a calving.

Techniques II allows actual management of a cow. The students bid for a cow's rent based on production. The cow that the student then leases is theirs for the duration of the course. Students must make all decisions about the cow's health care and feeding program. Their goal is to show an individual profit by the end of the course.

An additional phase of the course entails milking and the feeding of the 'techniques herd' for a period of 23 milkings.

Each student is responsible for arriving at the dairy every morning at 3:30 a.m. and starting their morning chores.

In the evening, after the full-time workers have completed milking the herd in the non-techniques barn, the students begin milking; usually around 4 p.m. The group is subsequently responsible for clean-up, following evening milking.

Upon graduation, Bill would like to find a job as a milk inspector or gain a position with a feed company; but eventually, Bill would like to own his own farm.

Val Prasse

Val comes from Wrightstown in Bucks County.

Her father works in New York in the advertising field and her mother is a teacher.

Because Val's family always had cats and dogs, she grew up loving animals and originally attended Delaware Valley to major in animal husbandry and become a veterinary assistant. She had been working in this capacity for four years.

But after meeting her finace Mike Simpson, a graduate in dairy husbandry, she decided to change her major.

Prior to the techniques class, Val says she "didn't know how to milk or do anything" around the farm.

After graduation, Val plans to move to New York where her fiance's farm is, find a veterinary assistant's position, and eventually work with Mike on the farm.

In the future

Both Bill and Val have exciting careers in the dairy industry to look forward to in 1983 that wouldn't have been possible if it had not been for the college and it's curriculum.

As another student at DVC said, "You almost have to work at not gaining hands-on experience during your four years at Delaware Valley."

Bill Osborn is from Wayside N.J. near New York City. With a part-time job at a lobster fishing firm, and a father who is a police officer, Bill is traditionally an unlikely candidate to take over a dairy farm. But this is his dream now, thanks to several dairy courses in college.

In the Technique course, Bill must keep close vigil on his cow's production. Here he weighs the evening's milking. Bill hopes to find a job as a milk inspector following college and then operate his own farm in a few years.

Homestead Notes

Val gains her hands-on experience from the Technique course she is required to take. The course offers students the chance to take care of a cow for one term, making all its feeding and health care decision. And, of course, this care includes milking the animal every morning at 3:30 a.m.

End-of-model rebates up to $5,900

Closeout savings on the last 40 Series John Deere tractors... plus a bonus for financing without waiver

Don't miss out. take advantage of this cash rebate program before 40 Series tractors, 40- to 228-hp, are sold out.

Get a cash rebate (first dollar column below) direct from John Deere in addition to our good deal on the 2WD or 4WD tractor of your choice These tractors carry a 1981 sticker price, so we're offering rebates and discounts from prices already competitively low

There's more During January, 1983, pay cash for your new tractor, finance it where you choose, or finance it with John Deere without waiver* and you'll collect the cash rebate in lieu of finance waiver as shown Or you can elect to have the John Deere finance charge waived to June 1, 1983, instead of taking the additional cash rebate.*

For those who prefer 50 Series 4WD tractors there are also special rebates during January. Cash rebates up to $10,050 on new models that replace the 40 Series 4WDs being cleared out. Waiver of finance charge option too.* John Deere may withdraw these special offers at any time, so come in soon!

Model	Cash Rebate on Purchase	Jan. '83 Cash Rebate In Lieu of Waiver	Maximum Rebate
228-hp 8640	$4,500	$1,400	$5,900
179-hp 8440	4,000	1,100	5,100
180-hp 4840	3,600	1,000	4,600
155-hp 4640	3,400	900	4,300
130-hp 4440	2,800	700	3,500
110-hp 4240	2,300	600	2,900
90-hp 4040	2,200	600	2,800
80-hp 2940	1,800	400	2,200
70-hp 2640	1,300	350	1,650
60-hp 2440	1,200	300	1,500
50-hp 2240	1,100	250	1,350
40-hp 2040	900	200	1,100
370-hp 8850	$8,200	$1,850	$10,050
290-hp 8650	6,400	1,550	7,950
225-hp 8450 (Offer subject to tractor availability)	5,700	1,250	6,950

*Availability of John Deere financing plans subject to approval of credit
These offers may be reduced in value or withdrawn at any time

Introductory rebates up to $4,400

On new John Deere 50 Series Tractors, 100 to 190 hp, with Caster/Action™ MFWD

Cash rebates are still high but are coming down each month So get the new tractor you need during January while you can still collect a big cash rebate check direct from John Deere

Exclusive Caster/Action mechanical front-wheel drive on any 100- to 190-hp John Deere gives you a big boost in field or feedlot work efficiency And the introductory cash rebate (first dollar column below) gives you a big saving on the model you choose

And you can collect more than that basic rebate If you buy any 50 Series 2WD or MFWD tractor during January and pay cash, finance wherever you choose, or finance with Deere without waiver, you qualify for the additional cash rebate as listed Or you can have John Deere Finance charges waived to March 1, 1983 *

Model	Cash Rebate for C/A MFWD	Jan. '83 Cash Rebate In Lieu of Waiver	Maximum Rebate
190-hp 4850	$4,000	$400	$4,400
165-hp 4650	4,000	350	4,350
140-hp 4450	4,000	300	4,300
120-hp 4250	4,000	250	4,250
100-hp 4050	4,000	250	4,250
85-hp 2950	n/a	150	150
75-hp 2750	n/a	150	150
65-hp 2550	n/a	100	100
55-hp 2350	n/a	100	100
45-hp 2150	n/a	100	100
40-hp 1250	n/a	100	100

*Availability of John Deere financing plans subject to approval of credit
These offers may be reduced in value or withdrawn at any time

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215-932-2753 -
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609-769-1535

H.R. GUTSHALL & SONS, INC.
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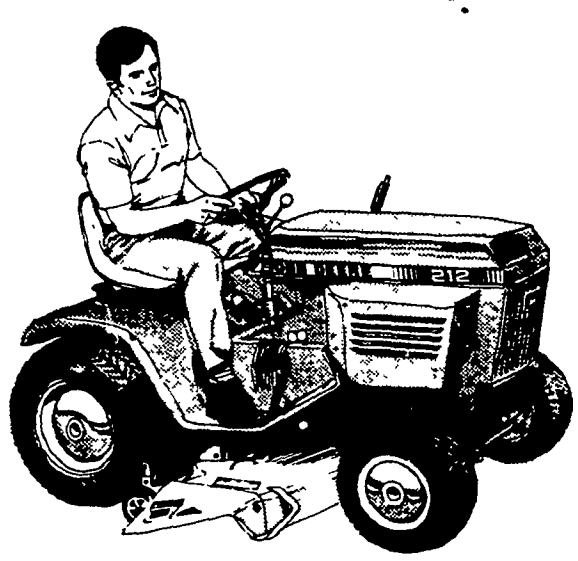
JOHN DEERE OFFERS SPECIAL END-OF-SEASON FINANCING...



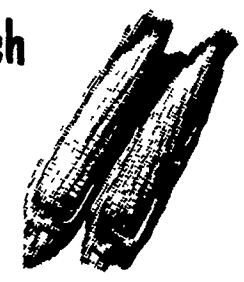
BUY NOW AND SAVE $$$

If you buy a new John Deere lawn tractor or new lawn and garden tractor before March 1, 1983, with a normal down-payment, you'll have no monthly payments to make until April 1, 1983.* And to save you money, finance charges will not begin until March 1, 1983.

So if you buy now you can save two ways: First, on end-of-season price reductions; and, second, on the John Deere end-of-year finance offer.

Stop in soon while we still have a good selection of models and attachments available: 8- to 16-hp lawn tractors and 10- to 20-hp lawn and garden tractors. Some models have hydrostatic drive.

Seeding,
Weeding
and mulch
more



For the avid gardener

Garden survey complete

National survey results show during the 1982 growing season an estimated 18 billion dollars worth of food was grown in backyard and community gardens.

Results from the 1982-1983 Gardens for All/Gallup National Gardening Survey indicate the median size of home and community gardens in 1982 increased to 600 square feet, up 10 percent from the 1981 median garden size of 547 square feet.

The survey also shows that 38 million households gardening in 1982 grew more varieties of garden vegetables than in past years.

"Tomatoes ranked as the number one vegetable grown by 94% of all gardeners in 1982, followed in popularity by peppers, green beans, cukes, onions and lettuce," said Jack Robinson, president of Gardens for All, The National Association for Gardening, based in Burlington, Vermont.

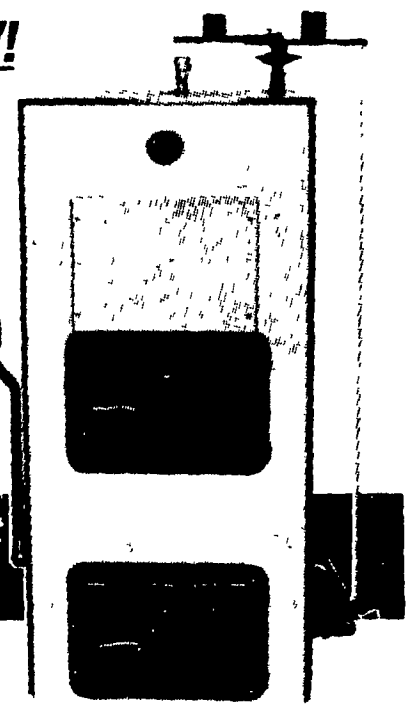
"Herbs, broccoli, summer squash, potatoes, asparagus and spinach increased in popularity in most gardens in '82," continued Robinson.

"There are few opportunities in these difficult times where one can realize the return on investment that gardening provides," said Robinson. "Gardeners reap many benefits - fresher food, better nutrition, as well as saving money."

The survey shows that for a typical investment of $20, this year's gardener's yield was $470 worth of fruits and vegetables, a savings of $450 according to the recently released figures. The gross national home gardening product amounted to 18 billion dollars - a definite influence on the nation's economy.

ALL NEW!

Simplex Multitherm STEAM or HOT WATER BOILER



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Lets you select the Fuel
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Made by the Van Wert Manufacturing Company with over 40-years experience in quality heating equipment, the Simplex Multitherm is designed to give you maximum flexibility. As an add-on to existing systems, it adds inexpensive wood and coal capabilities to your oil or gas units. For new or replacement systems, it provides its own backup fuel by switching automatically from solid fuel to fossil fuel. It's virtually today's most perfect energy machine that assures you dependability of fuel supply.

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- **Automatic, U.L. listed controls**
- **Rated for hot water or low pressure steam systems**
- **ASME approved—U.S. made—with confidence**
- **Built-in domestic hot water coil**
- **3-Pass Boiler Design for Greater Efficiency**
- **Two quality units. The combination multi-fuel, and the wood-coal unit for independent or tie-in use with existing system**

Switches from one fuel to another . . . *AUTOMATICALLY!*

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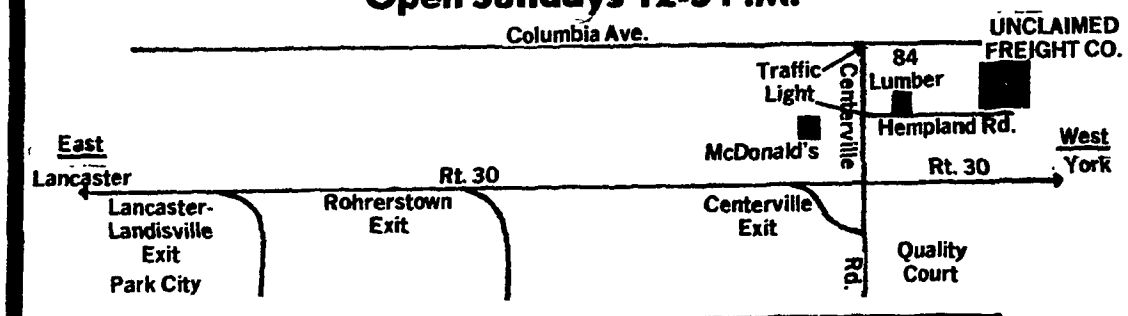
Open Sundays 12-5 P.M.



CLOSING NEW YEAR'S EVE AT 5 P.M.

Liquidating For Mfg.

30 - Bunk Bed Sets w/Side Rails, Guard Rail, Ladder, 2 Pc. Bedding Set w/2 Under Bed Storage Units - Solid Hardrock Maple...Reg. $1789.95 ..... $509.95

30 - Hardrock Maple Trundle Beds w/Mattress & Platform...Reg. $329.95 .... $129.95 w/Casters

Liquidating Discontinued Stock For Mfg.

16 - Square & Rectangular Brass & Glass Cocktail Tables...Reg. $329.95 ..... $50.00 Your Choice

6 - Lamp Tables...Brass & Glass...Reg. $309.95..... $50.00

6 - Sets - 2 Lamp Tables - 1 - Cocktail - Brass & Glass ...Reg. $1079.95 ..... $209.95

15 - Glass & Brass Etagere...Reg. $739.95 .... $189.95

8 - Bars...Cark Pine...w/2 Heavy Duty...Swivel Stools ...w/Backs...Reg. $1429.95 . $529.95
Many More Bars To Choose From

Name Brand Recliners

4 - Wall Huggers... Reg. $339.95 ..... $139.00

15 - 3 Way's...Reg. $329.95 ... $98.00

10 - 3 Way's Under Whole-Sale...Reg. $409.95 ..... $129.00

8 - 6 Pc. Cushion Pine Groups...Sofa...Rocker ...Chair...Ottoman...2 End Tables...Antron/Nylon Prints...Reg. $1029.95 ..... $389.95

15 - Trad. Sofa & Love Seat ...Top Nylon Fabric... Reg. $1889.95 ..... $449.95
Quilted Mattress & Non Skid Foundation ...312 Coil...Full Warranty...While They Last

31 - Singles ...Reg. $309.95 ..... $89.00 Set

65 - Doubles ...Reg. $429.95 ..... $139.95 Set

26 - Queens...Reg. $589.90 . $179.95
First Come/First Served...Quality Cover ...Damask

10 - Full Size Hide-A-Beds ...6 Fabrics...Reg. $579.95.. $229.95

12 - Etageres...6 Brass... 4 Chrome...Reg. $729.95... $189.95

Full Line of House Hold Accessories

360 - Recliners...450 Desks Student Desk... ..... $89.95 to $109.95

101 - Bar Stools... Heavy Duty ...Swivel...Full Back... Seat...Cane Sides & Back ...Reg. $249.00 to $289.00 ... $109.95

41 - Trestle Tables...4 Chairs...Pine...Reg. $309 95 $129.95

Lingerie...6 Drawer Chest... Pine...White...Maple... Reg. $189.95 ..... $79.95

4 Drawer Chests ...Reg. $169.95..... $69.95

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Ladies Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

Christmas Plants

An ancient legend thrives throughout old Mexico that when Christ was born, he was visited by a poor peasant girl. Upon seeing the gifts of the Wise Men and realizing she had nothing to offer, she broke down in grief.

As the girl cried, her tears fell to the ground and blossomed into brilliant poinsettia shrubs. According to the legend, the poinsettia since has become a traditional Christmas plant.

Today, many blooming varieties of plants are given as Christmas gifts. The beauty and health of these plants can be considerably lengthened by following some basic care guidelines.

Over-watering will kill most any plant because the moisture depletes oxygen in the soil. If a foil or cellophane wrap covers the pot, punch a hole in the bottom to allow the water to drain through.

A good method for watering decorated plants is to remove the wrap and water in your kitchen sink. Allow the water to drip through the bottom and then replace the wrap.

Poor lighting will cause the leaves to yellow and the flower to quickly die. If the temperature in your home is hot and dry, it too, will shorten the life of a flowering plant.

In general, the plants should be placed where the temperature is 65 to 68 degrees during the day. The air circulation should be good but not drafty.

Give your Christmas plants the tender loving care they so deserve, and they will give you enjoyment of their beauty in return.

Holiday Depression

The holiday season often brings an unexpected, unwelcome visitor — depression. Suicide attempts and depression-sparked breakdowns peak during December and January, and hundreds of persons suffer milder forms of depression.

Holiday depression doesn't discriminate. It can hit anyone. It may plague the mother who wanted to create a spectacular holiday for her family, whether they wanted it or not.

It affects the parents who could not afford the expensive gifts they think their children wanted. It hits the young couple caught between demanding in-laws. Those millions with no place to go are particularly vulnerable to the holiday blues.

the romantic image of the holidays as a loving, joyous, family-oriented time contributes to holiday depression. Everyday problems and irritations are somehow supposed to disappear and usually do. Many people are convinced that everyone else is happy and they alone are depressed.

An important key to avoiding holiday depression is simply knowing that it is common and shared by many others. Keeping expectations at a reasonable level and limiting the time and energy invested in holidays may also help some people. Others will find their best tactic is to get involved.

Depression can be regarded as a state of feeling sorry for yourself. If is best overcome by dealing with causes of the self-pity.

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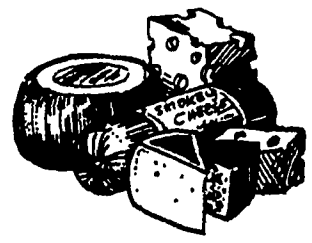
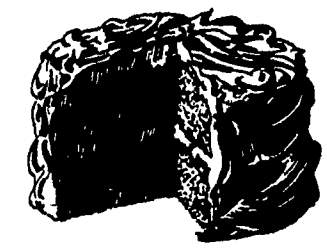


Home On The Range



A resolution to diet? Try beef

When you're on a diet, your aim should be to get all the nutrients your body needs within a recommended calorie range. Success with a calorie 'budget' comes with selecting those foods that give the best return in nutrients for the calories they carry.

Beef is one such food choice according to the Beef Industry Council in Chicago, Ill.

While two 3-ounce servings from the meat group are recommended daily for normal weight persons, on a diet it is best to allow four ounces of cooked beef per serving. This is advised because beef supplies a high proportion of nutrients to the calories it contains.

So start the new year out right by following that resolution to shed a few pounds and let beef help you do it.

SOMBRERO BEEF STEAK STRIPS

2 lbs. beef round steak, cut 3/4 inch thick
3 T. cooking fat
8-oz. tomato sauce
16-oz. whole kernel corn, drained
1 small onion, thinly sliced
1/4 c. water
2 t. chili powder
1 t. ground coriander
1 t. salt
1 med. green pepper, cut in 1-inch pieces
1/3 c. chili sauce
1 c. shredded Monterey Jack cheese

Slice steak in strips 1/8 inch thick and 3 to 4 inches in length. Brown strips in cooking fat; pour off drippings. Add tomato sauce, corn, onion, water, chili powder, coriander and salt; mix thoroughly. Turn mixture into a shallow 2-quart casserole or baking dish. Cover tightly and cook at 350 degrees for 45 minutes. Remove from oven. Stir in green pepper, top with chili sauce and sprinkle with shredded Monterey Jack cheese. Cover and continue baking 15 minutes.

Beef Industry Council, Chicago, Ill.

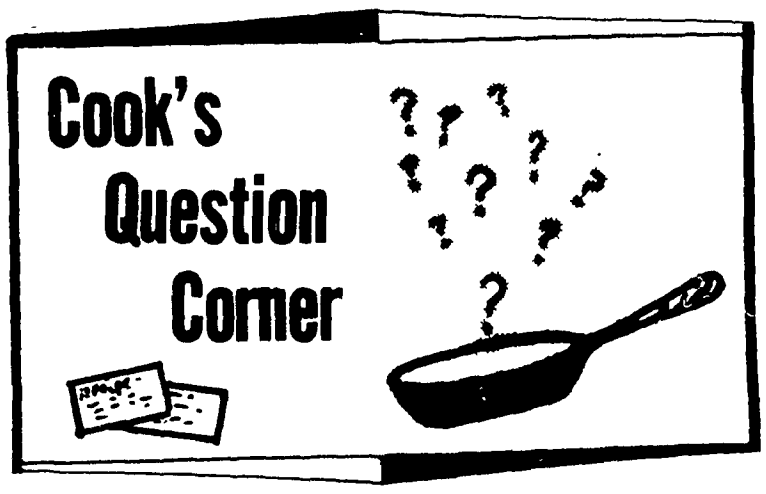
BEEF CASSEROLE

2 lb. round steak
1/2 c. flour
1 t. salt
1 c. milk
1/8 t. pepper
2 T. butter
2 c. water

Melt butter in pan. Dredge cut-up meat in flour mixed with salt and pepper. Brown quickly on both sides. Remove to casserole. Brown any flour that is left. Add water and milk. Let come to a boil and pour over meat. Cover and bake in oven at 325 degrees for 2 to 2 1/2 hours.

K.D. Shaull, Brogue, Pa.

Beef is a 'high nutrient density' food - this means it supplies a high proportion of nutrients to the calories it contains. And beef has to be a winner in any diet when it's in a dish such as Sombrero Beef Steak Strips. This dish includes three of the four food groups, demanding such foods as corn, green peppers, tomatoes and cheese.



QUESTION - I would like a recipe for pepperoni. Can anyone help me?

Marlene Adams, Hamburg, Pa.

QUESTION - I would like a recipe for Italian Hot Sausage. Can anyone help?

Harry McClelland

ANSWER - Thanks go to Mrs. Joy Buser of Swanton, Md., and Mrs. Esther Martin of Fogelsville, Pa., for answering a request for Fried Onion Rings. Following are their two recipes:

FRIED ONION RINGS

Peel 2 large onins, cut in ¼ inch slices. Separate into rings. Beat 1 egg, ¾ c. water and 2 t. lemon juice and 1 T. oil until frothy. Add 1 cup flour, 1½ t. baking powder and ½ t. salt. Beat smooth. Heat oil to 375 degrees and dip onion rings in batter. Fry until golden. Turn over once. Drain and salt.

Esther Martin, Fogelsville

FRIED ONION RINGS

In bowl, stir in ¾ c. cornstarch, ¼ c. flour, 1 t. baking powder, ½ t. salt, ¼ t. pepper. Add ½ c. water and 1 egg. Stir until smooth. Pour about 1 cup corn oil in electric skillet. Heat to 375 degrees. Dip onions in batter and drop in hot oil. Turn and brown on each side until crisp. Drain on paper towels. Add more oil as needed.

Mrs. Joy Buser, Swanton, Md.

Recipe Topics

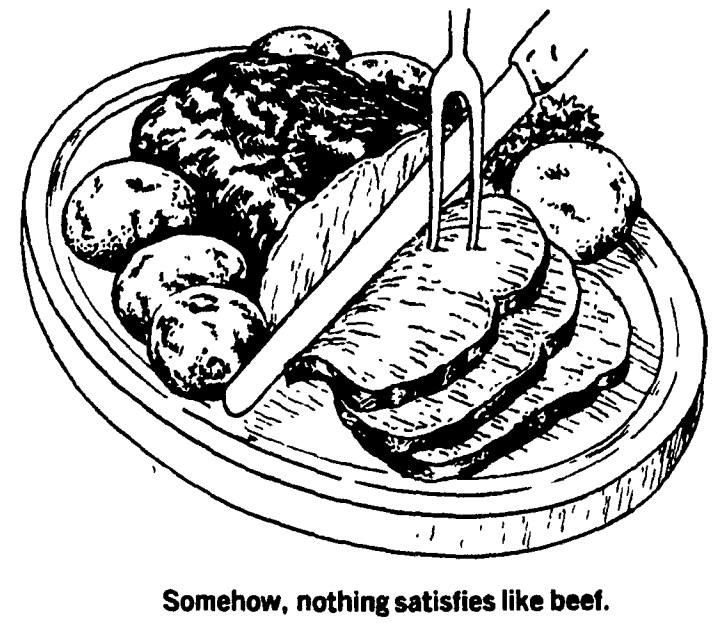
January	
8	Warm soups for cold weather
15	Make it with an egg
22	Vegetable dishes for the winter
29	Chicken dishes
February	
5	Cakes taste great in winter

HAMBURGER HEAVEN

1 lb. ground beef
1/2 lb. sliced American cheese
1 c. chopped celery
1 small can sliced ripe olives
1 No.2 can of canned tomatoes
2 c. dry noodles
1/4 c. water
1/2 t. onion salt
salt and pepper to taste

Brown meat. Add remaining ingredients in layers in order given. Add seasonings, pour water over all. Cover. When steaming, turn to low and simmer and cook for 30 minutes.

Mrs. Charles Biehl, Allentown



Somehow, nothing satisfies like beef.

CABBAGE AND MEAT CASSEROLE

Med. head cabbage
2 lb. hamburger
2 c. cooked minute rice
2 onions, chopped fine
3 eggs
salt and pepper
tomato sauce

Shred cabbage and steam. Mix meat, rice, onions, eggs, salt and pepper together.

Line casserole with steamed cabbage. Add layer of meat. Cover with sauce. Repeat each layer ending with cabbage and sauce. Cover. Bake at 350 degrees for 2 hours.

Eleanor Houck, Gap

ITALIAN BEEF SANDWICHES

1 lb. thinly sliced cooked beef
1 can (10 1/2 oz.) beef consomme
1/2 c. catsup
1/4 c. water
1 med. onion, cut crosswise in slices
1 small green pepper, cut in strips
1 large clove garlic, minced
1 t. Italian seasoning
4 to 5 seven-inch pieces French bread, halved lengthwise

Combine consumme, catsup, water, onion, green pepper, garlic and Italian seasoning in large saucepan. Bring to a boil; add beef, cover tightly and cook slowly 15 minutes. Drain off and reserve cooking liquid; dip cut surfaces of bottom and top halves of bread in the liquid. Place hot beef and vegetables on bottom halves and cover with tops of bread. Serve remaining liquid with sandwiches.

SAUCED CUBED STEAKS

4 beef cubed steaks
1 beef bouillon cube
1 c. boiling water
2 T. cooking fat
3/4 t. salt
1/8 t. pepper
2 T. flour
1/2 c. chili sauce
1/4 c. sliced pitted olives

Crush beef bouillon cube, add boiling water, stirring to dissolve. Brown cubed steaks in cooking fat in large frying-pan, 2 minutes on each side. Remove steaks from pan; season with salt and pepper. Stir four into pan drippings; stir in chili sauce. Gradually add reserved bouillon and cook, stirring constantly until thickened. Reduce heat; stir in olives, add steaks and cook slowly 7 to 9 minutes, turning occasionally. Remove steaks to warm platter; serve with sauce.

(Turn to Page B8)

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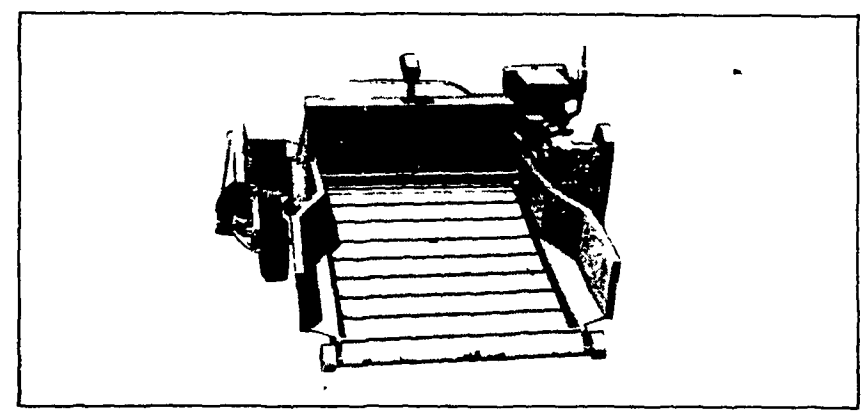

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Don Carter of Parkdale, Oregon

"The best move I ever made"... says Don Carter in reference to his switch to bagging silage on his dairy near Parkdale, Oregon.

"I get 18% more feed from the same acreage and the feed lasts three times as long. I used to clean my bunks after three days, now I only need to clean them after 10 days."

Roland Rasmussen of Blair, Nebraska

"In addition to everything else, it's a management tool"... says rancher, Roland Rasmussen of Blair, Nebraska.

Roland farms 350 acres west of Blair, Nebraska, and fattens about 650 cattle from 600 lbs. to finish.

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Bert Anderson of Sceptre, Saskatchewan

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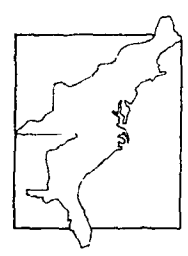

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Know some beef buying basics

LANCASTER — As a farmer, you're fortunate to be able to fill your freezer with money-saving meat from your own farm.

But you may not be in the beef business, in which case you still find it necessary to visit the meat counter in your local grocery store, and look for bargains.

Standing in front of a large meat case with seemingly hundreds of meat cuts can be a confusing experience for any shopper. However, with a few basics in buying beef, selections can be made easily.

When selecting a cut of fresh beef, the lean, or muscle, should be bright to deep red. Beef is normally dark purplish red when first cut. After being exposed to air, the cut surface reacts with oxygen and becomes bright red. This is why the middle of ground beef is darker while the outside layer is often red.

Marbling, or small flecks of fat throughout the lean, improves the meat's flavor, tenderness and juiciness. The exterior fat cover keeps beef from drying out before cooking and helps retain juices and should be about one-half inch thick.

All meat sold must, under law, pass inspection for wholesomeness. This protects the consumer by guaranteeing that all meat sold is from healthy animals, slaughtered and processed under sanitary conditions.

Quality is a term which refers to the tenderness, juiciness and flavor of meat. The USDA grade of meat (Prime, Choice, Good) is applied to carcasses at the packing house on a voluntary basis. The grade of meat will indicate the quality you purchase.

USDA Prime grade, or the highest grade of meat, contains the most marbling and is generally sold to select meat stores and finer restaurants.

More commonly found in retail stores is the USDA Choice grade. Choice meat contains sufficient marbling or good taste and tenderness but is less costly than U.S. Prime.

USDA Good grade meats are good eating and just as nutritious as other grades, but not as tender.

Because grading is on a voluntary basis, many packers and retail stores have their own 'brand' of grades. These 'brand' grades have been developed over the years to fit their customers needs. Ask your local butcher about store grades when shopping for beef. — DK

Hunters take half dozen huge bears

HARRISBURG — An even half dozen bears with live weights exceeding 587 pounds were taken during the 1982 bear season Nov. 22 - 23. Four had previously been trapped, marked and aged by the Game Commission.

The largest bear taken this year weighed 675 pounds live, with a dressed weight of 574 pounds. The 15-year-old male was taken in Lycoming County by Blaine T. Fessler of Pine Grove.

A five-year-old male taken in McKean County by James C. Emery II of Mercer, had a liveweight of 646 pounds, and field dressed at 549.

A 639-pound (liveweight) male taken in Elk County by Paul J. Biel of Wilcox, weighed 543 field dressed. Its age is unknown.

Claud Rollison of Moscow, took a seven-year-old male in Lackawanna County with a live weight of 607 pounds that field dressed 516.

A nine-year-old male taken in Tioga County by Spencer E. Schaefer of Hay Road, Temple, weighed 590 pounds live, and field dressed at 501.

A 588-pounder (liveweight), also a male, taken in Forest County by Bruce W. Williamson of Fenelton, field dressed at an even 500 pounds. Its age is also unknown.

In 1981, a 700-pound bear, possible a state record, was harvested in Clinton County.

Cook bear like pork in microwave oven

LANCASTER — Bear meat is a seasonal treat for many Pennsylvania families and there are many ways to prepare it. This season some cooks may be using their microwave ovens to produce their special recipes and they need to be aware that bear meat should be treated like pork in the microwave oven.

Both pork and bear meat may contain trichinae microorganisms — the cause of a painful disease known as trichinosis — as well as food poisoning bacteria.

Although no causes of illness have been reported due to cooking meat in a microwave, precautions should still be taken. Pork and bear should be cooked to 170 degrees. Although older recommendations state 180, degrees, this is unnecessary.

To insure safe cooking of pork and bear meat when using a microwave oven, follow the owner's manual instructons carefully. These steps include rotating the meat and letting the meat set for several minutes after cooking to assure a more uniform temperature distribution.

To increase the effectiveness of temperature distribution, the meat can be wrapped in foil. After the meat has set for a few minutes, check various places in the roast with a meat thermometer. If any part has not reached 170 degrees, continue to cook the meat.

The 170 degrees temperature will insure a roast that will be tender, flavorful and perfectly safe to eat and enjoy.

Diet resolution

(Continued from Page B6)

CHINESE PEPPER STEAK

1 1/4 lb. top round steak, cut 1 inch thick
1 T. cornstarch
1/2 t. sugar
1/4 t. ginger
1/4 c. soy sauce
3 med. green peppers
3 small tomatoes
2 T. cooking oil
1 clove garlic, minced
1/4 c. water

Partially freeze steak to firm and slice diagonally across the grain into very thin strips. Combine cornstarch, sugar and ginger and stir in soy sauce. Pour mixture over meat and stir. Cut green peppers into thin strips and cut tomatoes into wedges. Quickly brown beef strips in hot oil and remove from pan. Reduce heat; add green pepper, garlic and water to pan and cook until green pepper is tender-crisp, 5 to 6 minutes. Stir in meat and tomatoes and heat through.

How to cook with honey

NEWARK Del. — For unusually flavorful cakes, glazed vegetables and meats, try cooking with honey, suggests University of Delaware Extension Home Economist Debbie Amsden.

Amsden says you can substitute honey for sugar in any baking recipe, but you may have to make some adjustments to attain a standard product.

In recipes that use a great deal of sugar such as fruit breads or cookies you can replace up to half the sugar with honey without having to change the proportions of other ingredients, she says.

If you want to replace all the sugar in such a recipe, reduce the amount of liquid ingredients by one-fourth cup for each cup of honey used. Also, reduce the baking temperature by 25 degrees and add one-fourth teaspoon of baking soda per cup of honey. Baking soda will neutralize the acidity of the honey and increase the volume of the finished product.

A recipe made with honey may brown differently than one made with sugar, the home economist explains. This is because of the color of the honey and the way it reacts to heat.

Honey enjoys a reputation as a natural food, but that doesn't mean it's low in calories. Actually honey is higher in caloric content than sugar. But many people enjoy it for its distinctive taste.

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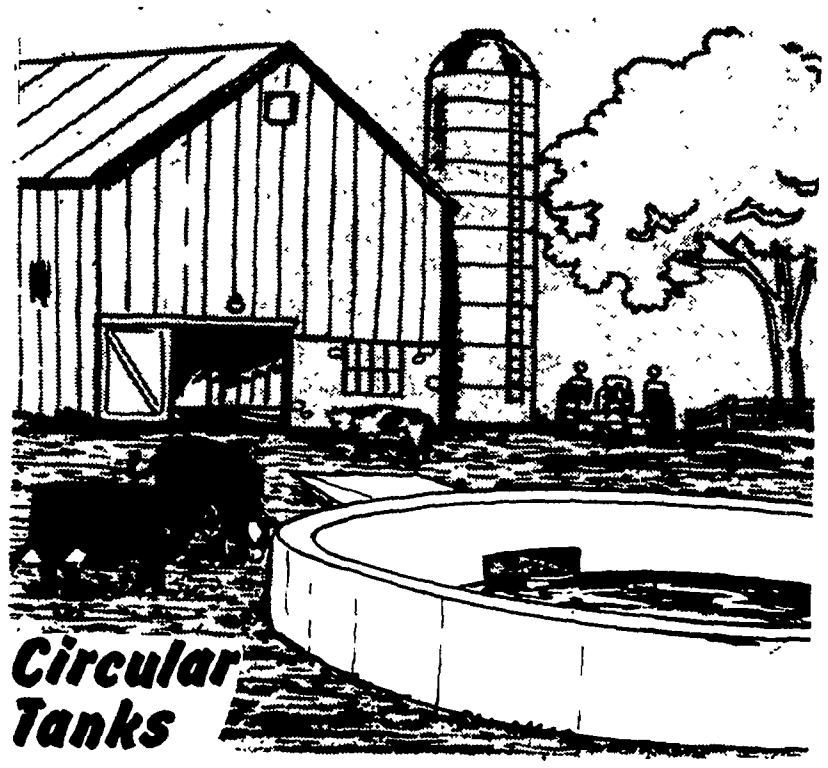

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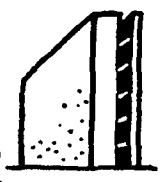

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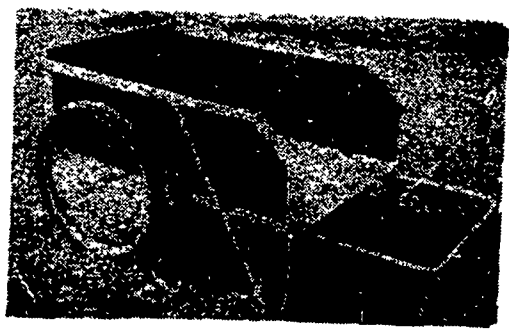

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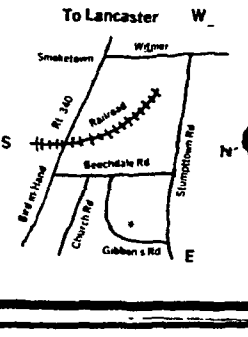

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U.S. Beef Council re-elects Martin

DENVER, Colo. — Greg Martin, executive vice president of the North American Limousin Foundation, has been re-elected president of the United States Beef Breeds Council.

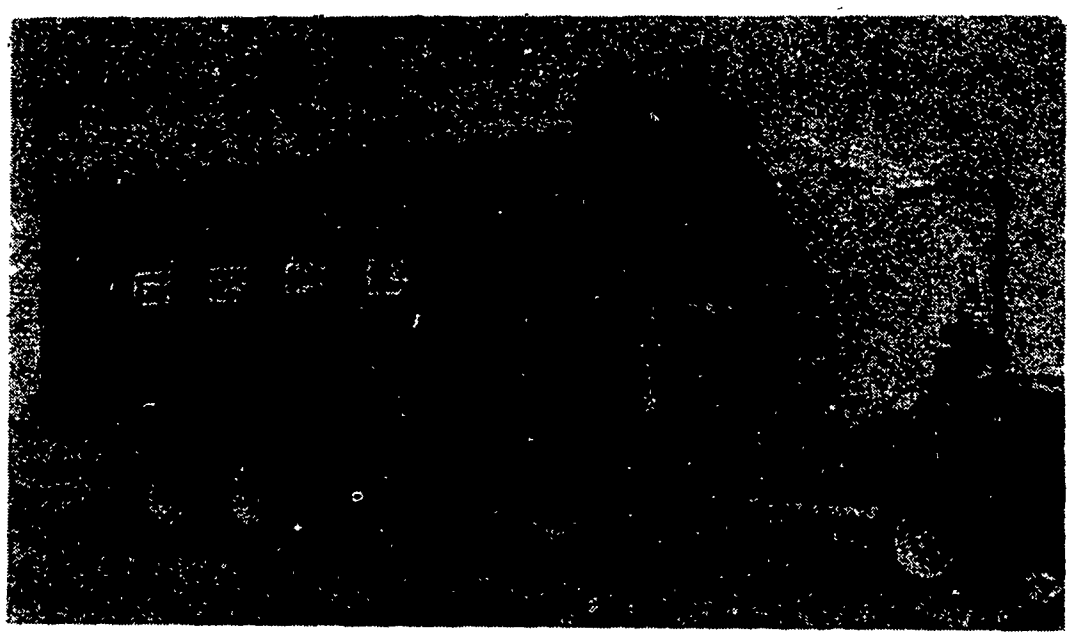
The council voted to extend Martin's term at its Dec. 6 meeting, held in conjunction with the Purebred Board of Directors Symposium. The Denver symposium was sponsored by the U.S. Beef Breeds Council and the National Cattlemen's Association.

Earl Peterson, Bozeman, Mont., was also elected to a second term by the group. Peterson, the executive vice president of the American Simmental Association, holds the office of secretary-vice president.

The U.S. Beef Breeds Council is responsible for the purebred check-off program, in which 13 breed associations are participating by paying a one-dollar fee on each animal transferred. The fee is divided between the Beef Industry Council and the National Cattlemen's Association for advertising and promotion efforts.

Martin says the USBBC is currently working on health regulations for importing and exporting purebred cattle. The council is also planning to sponsor another Youth Beef Industry Congress next fall for the junior directors of the purebred associations, similar to the one held in December 1981.

The U.S. Beef Breeds Council comprises the chief executive officers of 15 breed associations. The breeds represented are the American Angus Association, American Brahman Breeders Association, American Chianina Association, American Hereford Association, American-International Charolais Association, American Maine-Anjou Association, American Polled Hereford Association, American Simmental Association, Inc., American Shorthorn Association, Beefmaster Breeders Universal, International Brangus Breeders Association, North American Limousin Foundation, Red Angus Association of America, Santa Gertrudis Breeders International Association and the Texas Longhorn Breeders Association of America.



. . . the introduction of our new Gehl BU960 self-unloading forage box!

Our new, improved Gehl model 960 forage box is ready to order in three available sizes. The 14-foot unit features wood stakes and sides, while the 16-foot model offers both wood and steel stakes and sides. The all new 18-foot forage box is available with steel stakes and sides.

We've Put Good Ideas to Work with an all-new look and several refinements on our new 960 box. The 20-inch cross conveyor has been lowered three inches for easier unloading with a full eight inches extending beyond the box side for better silo positioning. A totally new designed roof, non-wrap beaters and the addition of steel to the main sills provide extra strength and durability to our new self-unloading unit. And the three-speed worm gear drive with two operating speeds and one sweep speed unloads crops quickly, easily with less time and spillage at the silo.

GEHL®
FARM EQUIPMENT

30% Down Now
Final Due Date April 1, 1983

40% Down Now
Final Due Date June 1, 1983

Forage Harvesters
Forage Blowers
Round Balers
Fingerwheel Rakes
Bale Handlers
Forage Boxes
Flail Choppers
Mower Conditioners
Disc Mowers

You can get that new Gehl equipment **NOW** with a special Wavier of Finance Program. And you can beat today's high interest rates by paying 30 or 40% down in cash or trade, with final due dates **Next Spring!!**

This special program applies toward specific new and unusued Gehl forage harvesters, blowers, boxes, flail choppers, round balers, mower conditioners, disc mowers and disc mower conditioners, wheel rakes and bale handlers.

We're ready to make a deal! Stop in for full details. Get a Gehl!

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Try Our New Concept In Penetration And Adhesion.
In 1982

To earn a dollar - give a dollars worth of service and work. Pay only $750 for the best kind of barn painting on an average barn - if you pay more you paid too much.

On barn siding painting - temperature and timing are factors as well as penetrating kind of quality for adhesion are helpful guides for long lasting under average conditions of siding type and age.

I will share helpful guidelines on roof maintenance of steel roofs by brushing on the prime time.

The farmers in Lancaster Co. are lucky because of the amount of competition in barn painting. Check with us for the best deal!

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Rd 1, Box 420, Narvon, PA 17555
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BRUNING
Years of experience plus self employment gives you quality work for less expense.

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10% OFF
On all John Deere Service Work
- No Minimum - Scheduled
During January, 1983

DISCOUNT APPLIES TO ALL SERVICE WORK DONE IN OUR SHOP INCLUDING HAULING, LABOR, AND JOHN DEERE PARTS USED PERFORMING THE JOB.
☆ FIELD SERVICE EXCLUDED ☆

Make all your farm machinery repairs now to avoid wasting valuable time and money in the busy Spring. Our mechanics are experts...call soon!

SHOTZBERGER'S EQUIPMENT
Elm, Pa. 717-665-2141
JOHN DEERE

Kid's Korner

Happy New Year!

These cute little kittens from the Bob Green farm in Edinburg, Lawrence County, hardly seem aware that a new year starts today. As long as they have a warm bed and plenty of milk to drink, they'll stay content. But what about you? Do you have a new year's resolution planned? How about a resolution to be nicer to your friends, more obedient to your parents, and more loving to your pets?

WORDS & MEANINGS

By D.J. Coates

Unmix the letters in the boxes to form a word. Then circle A, B or C for the correct meaning (or definition).
Score yourself as follows:
4 Correct-Excellent 2 Correct-Fair
3 Correct-Good 1-0 Correct-Poor

"Happy Thanksgiving"

1. T U G L

A. ACHE B. RUB C. OVERFILL
CLUE: We do this to our stomachs at Thanksgiving dinner.

2. S T I G R

A. FLOWERS B. CORN C. POTATOES
CLUE: The Pilgrims learned to grow this from the Indians.

3. P E S A T R

A. MEAL B. DAY C. GIFT
CLUE: Thanksgiving Day we have a special one.

4. D I T A R I O T N

A. IDEA B. CUSTOM C. HOLIDAY
CLUE: Handed down from past generations, such as Thanksgiving.

11-24-81

Answers: 1. GLUT-C 2. GRIST-B 3. REPAST-A 4. TRADITION-B

Animal Health and Science Club elects officers

FLEMINGTON, N.J. — The members of the Animal Health and Science 4-H Club elected officers at their recent Christmas party.

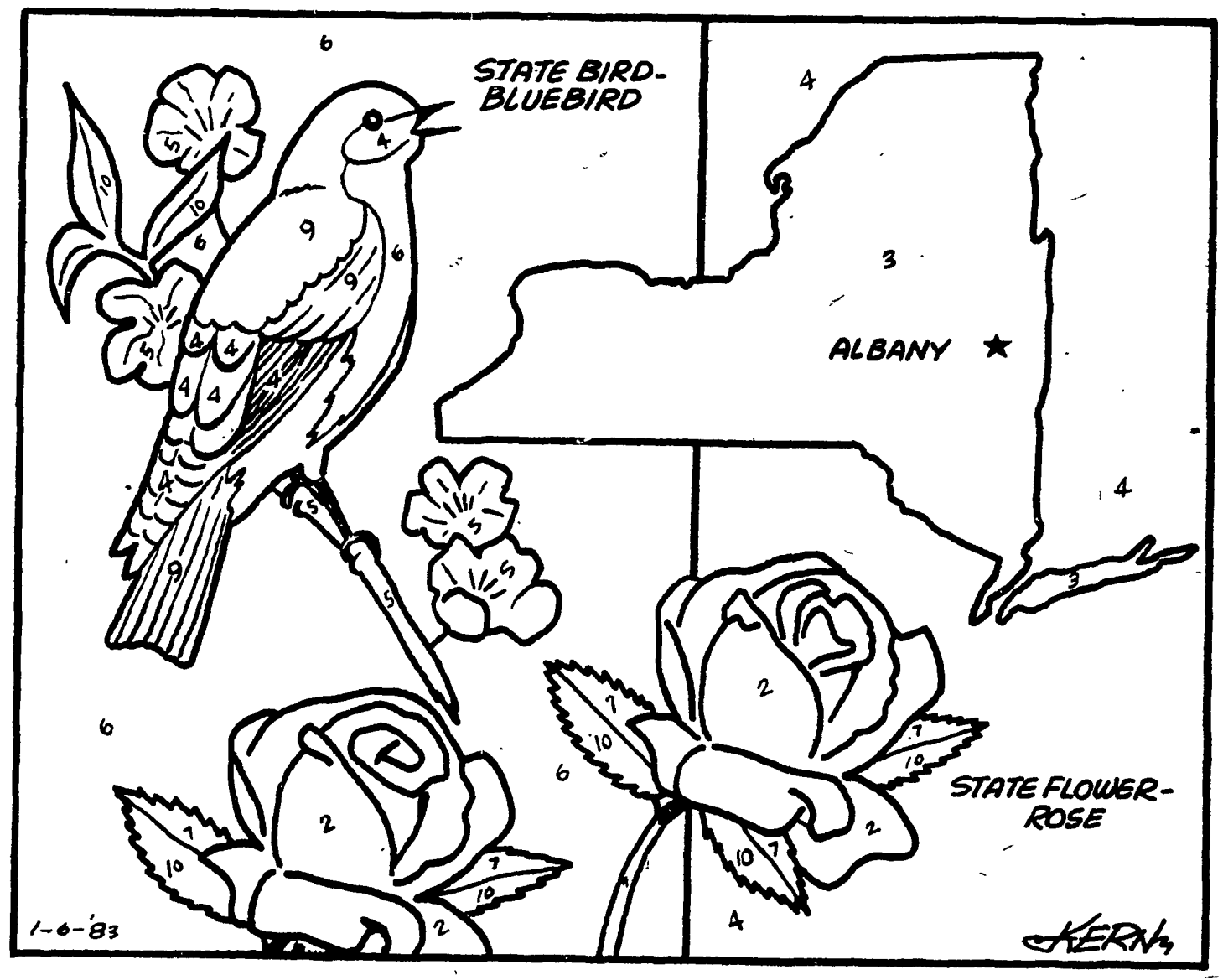
Elected were: president, Kim Jurkowski; vice president, David Eikamp; second vice president, Alexandra Riddle; third vice president, Cindy Gengler; recording secretary, Denise Holman; corresponding secretary, Shelley Snarke.

The next meeting will be held Jan. 19 at the Extension Center.

COLOR THIS!

1.	BLACK	6.	PEACH
2.	RED	7.	GREEN
3.	YELLOW	8.	LT. BROWN
4.	BLUE	9.	LT. BLUE
5.	PINK	10.	LT. GREEN

NEW YORK IS ONE OF AMERICA'S HEAVIEST POPULATED STATES. THE STATUE OF LIBERTY STANDS IN NEW YORK BAY AS A SYMBOL OF FREEDOM FOR IMMIGRANTS. NIAGARA FALLS PROVIDES POWER FOR INDUSTRIES. IT ALSO ATTRACTS THOUSANDS OF TOURISTS EACH YEAR. IN 1788, NEW YORK BECAME THE NATION'S 11th. STATE.



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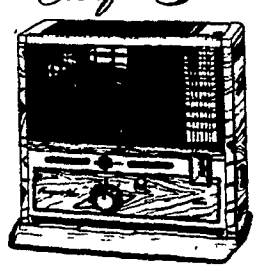
CENTRAL TRACTOR FARM & FAMILY CENTER

VISA

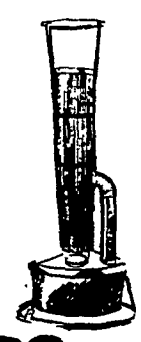
WINTER SAVINGS!

Comfort Glow

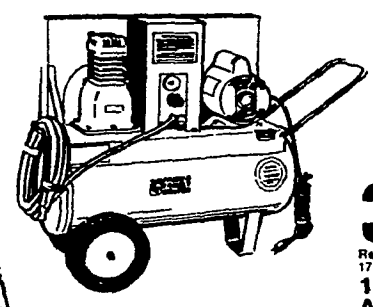


154.99
Reg. 174.99 / SAVE 20.00
24057-260
9,300 B.T.U. Deluxe Kerosene Heater With Deodorizer

179.99
Reg. 199.99 / SAVE 20.00
24187-260
19,500 BTU Kerosene Heater



69.99
Reg. 79.99 / SAVE 10.00
23990-260
Oil Burning Heater



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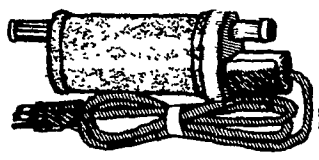
17980-106
½ Horsepower Air Compressor

339.99
Reg. 384.95 / SAVE 44.96
17982-106
1 Horsepower Air Compressor



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1000 Watt 18633-137
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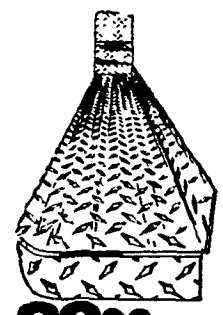

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Tailgator™ Tailgate Guard
Protects the most frequently marred part of a pickup truck with a strong anodized extruded aluminum alloy. Chrome-like finish will not rust or peel. Easy to install with directions and mounting screws included. Applications include most popular makes & models.

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6 volt 12 month warranty
Automotive Batteries
SAVE from 6% to 12%
C-22F 9 3/8x6 13/16x8 5/16 240 Cold Crank
2 Yr. 12V Battery 15762 252 **31.99 Exch.**
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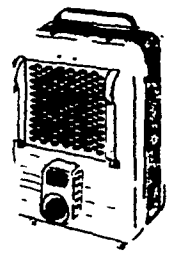
5 Yr. 12V Battery 15761 252 **42.99 Exch.**
SU 24 10 1/16x6 13/16x8 11/16 485 Cold Crank
5 Yr. 12V Battery 15748-252 **47.99 Exch.**



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30,000 BTU Space Heater

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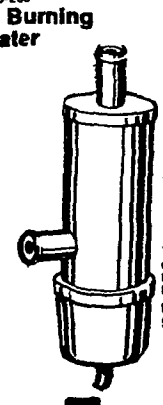

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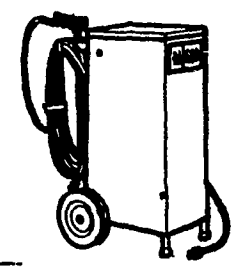
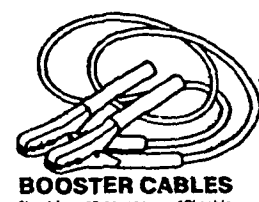
Thermo syphon action heats and circulates warmed coolant throughout the entire engine even in coldest weather
Intermatic® All Weather time-all
52820-323 Reg. 21.88 **SALE 19.88**



319.99
Reg. 339.99 / SAVE 20.00
25402-260
High Pressure Washer



BOOSTER CABLES
6' cable is 10 ga. copper, 12' cable is tangle-free 8 ga. copper. Clamps are 150 amp copper plated steel
8 Ft. 9581-055 Reg. 4.79 **3.88**
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Tangle-free copper cables - 12 cable is 6 ga., 16 is 4 ga. Clamps are 400 amp vinyl coated steel
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Battery Chargers
Charges 6 and 12 volt batteries. Rugged steel case, accurate numerical dial ammeter shows exact rate of charge.
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LIMIT 16 Per Customer
86¢
Reg. 1.07 / SAVE 19%
Champion Spark Plugs

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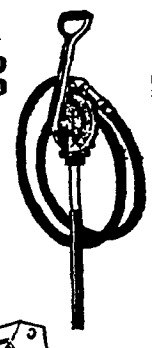

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½" Air Impact Wrench
Has up to 250 ft/lbs of torque. Trigger speed control air regulator ¼" capacity
Impact wrench socket set
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Gives smooth starts in all kinds of weather. Starts engines with low batteries also for use in diesel engines. 14.6 oz. can
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Fits John Deere and International harvester diesel injector receptacles and can be used on hard to start gasoline engines. 11 oz. can

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Up to 2500 psi. 16" cylinders have 3½" retracted length, 24" stroke cylinders have 34½" retracted length. 4" cylinder has 1¾" rod and 34½" retracted length.
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Solid State Shoplight
The New Generation fluorescent shoplight gives superior lighting. 100% solid state with instant start, lightweight, prewired. Ready to hang—no special tools required

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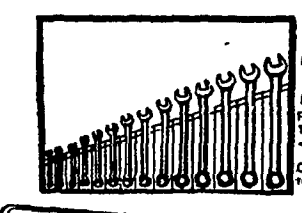

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14 Pc. Wrench Set
Combination box and open end in roll-up pouch. Sizes ¾" to 1 ¼"

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Reg. 1.79 / SAVE 22%
10854-090
9 Oz. WD-40

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Reg. 9.77 / SAVE 7%
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1 Gal. WD-40

3 For
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Bottle fits new gas tanks. 12 fluid ounces

SAVE 3.00
Floating Stock Tank De-Icer
Completely sealed terminal immersion element heats water directly. Alloy construction. Portable, just plug in the 8' power cord. Automatic thermostat control.
1,000 watts 18951-144 Reg. 26.99 **23.99**
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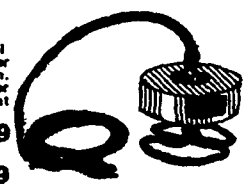

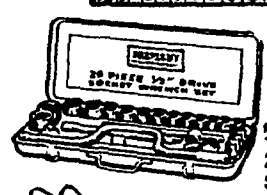

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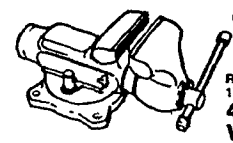
25 Pc. ½" Dr. SAE Socket Set



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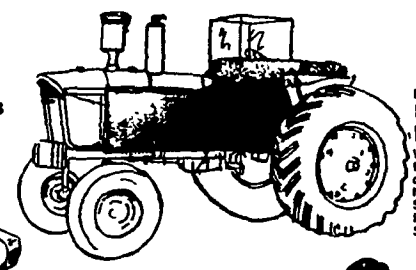

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Universal Heater Cab
Will fit most popular models of tractors. Extra side adjustments cut tapered to fit contour of tractor hood.
Side entry . . . 11155-235
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12.88
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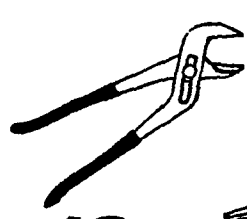
20053-155
Cotton Gloves



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Rubber Work Overshoe

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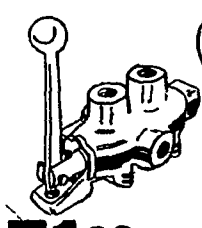
Vise-Grip® Long Nose Pliers



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5/16" x 14' 10808-072 Reg. 19.99 **17.99**
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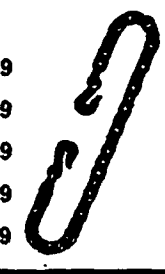

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Three Point Tractor Blades
6' 35 Hp. Rating 20250-157 Reg. 149.99 **129.99**
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9.99 Reg. 15.49 / SAVE 35%
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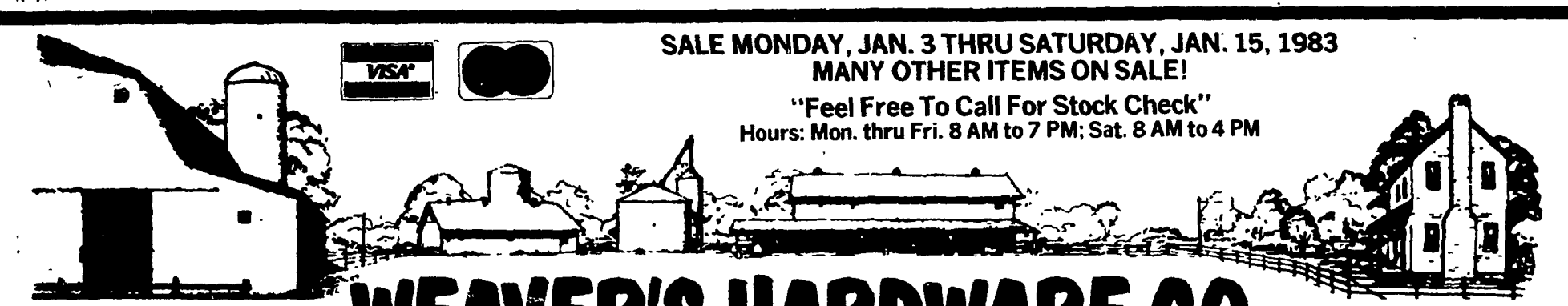

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Trinidad-Tobago visitor describes holiday preparations

MOUNT JOY — Becky Ruhl, R1 Mount Joy, has just returned from the countries of Trinidad and Tobago, where she spent six months as an International 4-H Youth Exchangee, living with families there as she learned more about the countries and their culture. Becky wrote the following synopsis of her trip during her first week back in her Mount Joy residence. She is now sorting through her numerous slides to prepare a presentation on her experiences which she would like to share with 4-H clubs, service organizations and other groups.

The Trinidadians had begun to prepare for Christmas before I left for the United States. During my last week in the country I revisited places and families that had been special to me.

One of these special places is the rolling sugarcane hills of Caroni County in Central Trinidad. It's hard for me to imagine not seeing the sugarcane fields because I've become so accustomed to them.

Christmas cleanings and cookings were already in full swing all over Trinidad but I especially notice them in the cane country. In Caroni I was lucky enough to be in time to see the newly decorated Christmas tree.

The whole house had been cleaned from top to bottom, and the sound of Christmas carols flowed above the cane fields while the dishes were banging as the traditional sweet meats were being prepared for Christmas.

Christmas celebrations start early in Trinidad with the cooking and cleaning beginning around November 1. I helped my host mother check her punch supply for the Christmas holidays. Trinidad Rum punch is the customary Christmas celebrant and it was difficult to choose the favorite rum punch recipe from the two sisters.

Caroni Ltd. is the owner of all the can and sugar companies in the Trinidad, and was started in 1937. The company is now owned by the government of Trinidad and Tobago and is one of the largest sugar manufacturing concerns in the Commonwealth of nations. Its four factories have a collective annual capacity of approximately 230,000 tons of sugar.

Caroni Ltd. owns 52,161 acres of sugar cane and it maintains a distillery for the manufacture of rum, bay rum and blended whiskey. Some of the better known Trinidadian brand names include Golden Glow, Caroni White Rum, Puncheon Rum, Mountain Dew, Royal Whiskey and Duncans Whiskey.

Caroni Distillery produces approximately 6000 proof gallons per day of rum and production is increasing due to a new four column still erected in 1980.

The by-product from the sugar cane, molasses, is the main raw material used in the manufacture of ethyl alcohol and rum. Cane sugar molasses is a mixture of sugars which can be converted to etheyl alcohol. A pure yeast culture is prepared in the laboratory and then seeded into the huge tank storing the molasses. The fermentation process takes place in large vats with a carefully controlled temperature and pH to ensure maximum enzyme activity.

After a specific time the mixture of ethyl alcohol and water is filtered off. This wash contains about 9-12 percent alcohol. It is then distilled using the four column still. Using temperature and pressure controls the wash is heated, the vapor condensed, and heated again. The purity of the raw spirit depends on the raw material used the efficiency of the fractional distillation. Rectified spirits contain about 96 percent alcohol volume to volume.

Light rum, heavy rum and neutral alcohol are produced and stored in large wooden barrels. The rum is allowed to age for a minimum of two years before it is sent to the blending section for bottling and shipping to countries all over the world. The Golden Glow rum is the local favorite especially at Christmas.

Following are two recipes using Trinidadian rum:

Patsy's Punch

1 ½oz. Golden Glow Rum
Juice of ½ lemon
1 teaspoon strained honey.

Dissolve the honey in lemon juice and rum, add ice, shake and strain into glass.

Anne's punch de creme

1 ½ oz. Puncheon Rym
2 eggs
nutmeg and cinnamon to taste
powdered milk

Prepare powdered milk according to direction, adding an additional tablespoon of milk to each cup. Whisk the eggs and add rum and spices to taste. Serve over crushed ice.

Penn State senior joins international program

YORK — Christy Jo Waltersdorff of York was selected one of two Pennsylvania candidates to participate in the Agricultural Work Exchange program.

Chris is a senior at Penn State majoring in community development.

The AWE program, sponsored by the National 4-H Council, each year sends representatives to stay for three to six months in host countries around the world. There they live and work with rural and urban families, and in some cases, become involved with the country's youth development programs. They go to either Belgium, France, Netherlands, Sweden or Switzerland.

Chris was selected as a York County candidate. On Dec. 4, Chris participated in an interview at Penn State conducted by the state 4-H office in cooperation with the Penn State Collegiate 4-H Club and the Pennsylvania International 4-H Youth Exchange Association. She also won a $100 scholarship from Pennsylvania Friends of 4-H.

She is the daughter of Robert and Joanne Waltersdorff. The Waltersdorff's hosted an international youth exchange from Barbados in 1978.

Chris's name, along with the files of the two other Pennsylvania candidates, will be submitted to the National 4-H Council for further considerations at the national level. The names of the national candidates and their country assignments will be announced in late February.

THINK AHEAD...
Read Futures Markets on Page 3.

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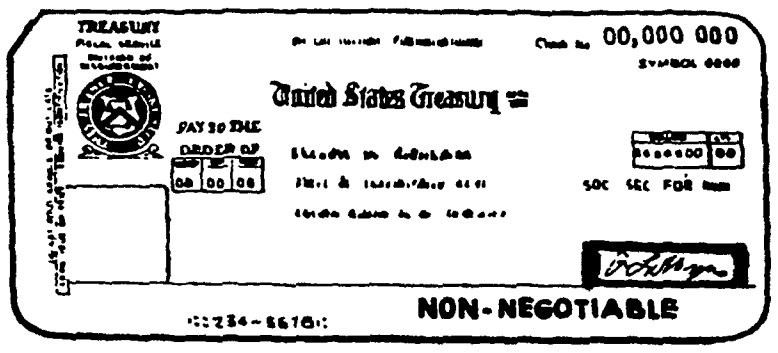

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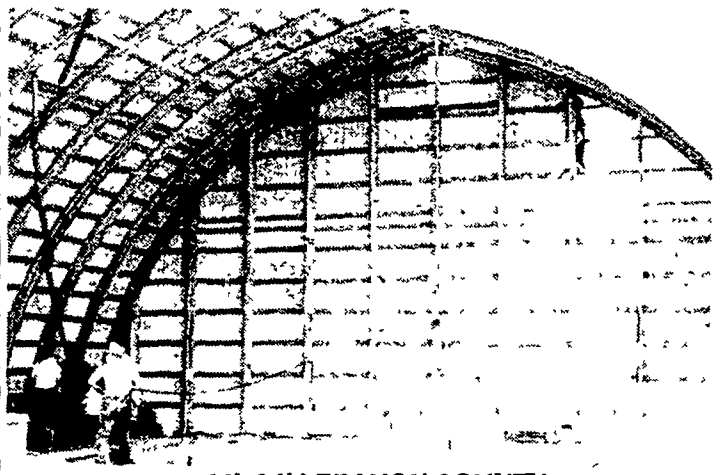
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Dip-dying discolored silks

In the case of fine silk blouses, you don't have to perspire too much or keep them in the closet too long before they discolor or fade. As wonderful as silk is to wear, the truth is that silk has a limited life span.

Before you toss a discolored silk in the trash, however, why not try dying it first? Any natural fabric, such as silk or cotton, is easy to dye. All the supplies you need are available at the supermarket.

Subtle, ombre waves of color are especially attractive on elegant silk blouses. Using the "ombre," or "dip-dying" technique, the color moves from light to dark in soft stripes.

Dip-dying is extremely simple because the color isn't supposed to be uniform. In fact, the color doesn't even have to be uniform throughout each stripe.

Therefore, when your once-beautiful blouse turns gray, yellow or three shades lighter around the collar, dye it. You have nothing to lose — and an exciting "new" blouse to gain.

Here are the directions for dip-dying:

MATERIALS: Three colors of dye in the same family, ranging from light to dark. Suggested are Rit Dye colors of ecru, tan and cocoa brown; or pink, rose-pink and fuchsia.

Basic supplies are rubber gloves; cup for dissolving powder dye; iron; large container for dye bath; mixing spoon for stirring dye bath; plastic hanger; old sponges or rags; liquid chlorine bleach for cleanup.

PREPARATION: 1. Check to be sure that the blouse, or any other item to be dyed, is 100 percent natural fiber. Synthetics such as polyester will not accept dye. 2. Wash blouse. 3. Following directions on dye package, prepare dye bath in the lightest color that you have chosen.

FIRST COLOR: 1. Completely wet the blouse. 2. Immerse entire blouse in dye bath. 3. Stir for 10 minutes. 4. Remove blouse from dye bath and hang it on a plastic hanger.

SECOND COLOR: 1. Dissolve the next darkest shade of dye. 2. Add new dye to the original dye bath. 3. Immerse the bottom two-thirds of the blouse in the dye bath. Let it soak for 10 minutes.

THIRD COLOR: 1. Dissolve the darkest shade of dye. 2. Add new dye to the dye bath. 3. Immerse the bottom third of the blouse in the dye bath. Let it soak for 10 minutes.

RINSING: 1. Begin rinsing with the darkest shade at the bottom. Otherwise the darker color may drip onto the lighter shades. 2. Hang blouse to dry.

CARE: Hand-wash your blouse separately the first few times as the color may "bleed" slightly.

Wool research equipment moves

WASHINGTON, D.C. — Some wool research equipment no longer needed at the U.S. Department of Agriculture's laboratory in Albany, Calif., will be transferred to Texas A&M University's Research and Extension Center at San Angelo, Texas.

Orville G. Bentley, assistant secretary of agriculture for USDA's science and education agencies, said relocation of the equipment to San Angelo, "will ensure its fullest possible use in furtherance of animal fibers research."

Bentley said factors determining the relocation decision included the existence and potential for a substantial scientific program involved with breeding, nutrition, production and processing research.

Other factors, said Bentley, were assurance that suitable facilities will be made available to house the equipment; the assurance that industry will provide tangible support and contribute to a collaborative program; location of the research program close to a major sheep production center and the existence of an extension capability to bring research concerns from the sheep and goat producers and to carry research results to them.

Equipment includes carding and scouring machinery and related equipment.

"The Department of Agriculture desires a strong wool research program in support of our sheep and goat industry," Bentley said.

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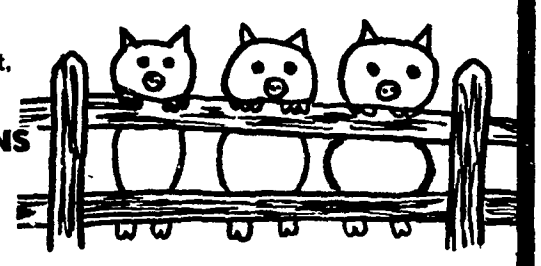

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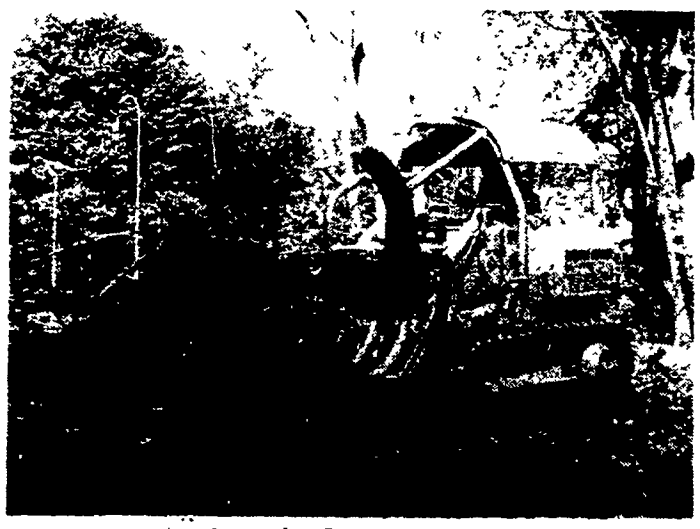

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Ida's Notebook

Ida Risser

The end of a year can be the time for retrospective thinking and for planning for a new year.

As we review the events and experiences of 1982, we see areas where we'd like to make some changes. But at this point, the important thing to do is plan for a better year in 1983. How can we organize our lives so that we get more satisfaction from our day to day living?

Some things we really have no control over and simply have to accept. But it wouldn't hurt us to think about changing a few things. Is our work bringing us happiness? Everyone needs meaningful work to do. Over a lifetime, about one-third of our fulfillment comes from working. Another third comes from our relationships and the remaining third from individual intellectual, emotional and spiritual growth.

I'd like to offer a few thoughts on relationships. Often we expect too much from our husbands. If they can't meet our needs, we are unhappy. Also if children do not furnish the expected support, we feel cheated. Many times, due to our mobile society, they live far away from home base and are unable to give us help and comfort.

It is often difficult to have a long-standing friend. But we can cultivate new friendships! Women often undervalue female friends as a source of satisfaction.

We begin to mature when we take responsibility for our own lives. No one else can be expected to always travel life's path with us. We often love with an ulterior motive, hoping to get something in return.

Somehow we must listed to and understand others and then appreicate them and share in their interests. This is quite difficult as we often have trouble understanding our own thoughts.

Chester District develops land rental guide

WEST CHESTER — Guidelines for rental agreements for farm land are available from the Chester County Conservation District, Marshall Haws, executive conservationist announced today. "Farmers who own their land tend to be good stewards of their soil. They recognize the value of a productive soil," says Haws. "A productive soil has optimum amounts of organic matter, is easy to work, and holds the fertilizer that is applied. A productive soil is one that has not eroded away. The successful farmer recognizes the capitalized value of topsoil.

"Property owners who are not farmers and rent their land to others need to spell out in an agreement with their renter — their concern about maintaining their capital investment, soil. Many accounting procedures fail to convey the information necessary for pricing the value of their prime capital asset, soil."

The Chester County Conservation District has created guidelines for the property owner who rents land. The guidelines give the property owner items that should be considered in writing a lease.

Haws explained the property owner should have at least two objectives in mind: to protect the neighbor's property from sediment and water damage; and maintain or increase the value of the land.

The property owner may want to make some concessions to the renter who is willing to maintain good conservation practices, suggests Haws. These might include a longer term lease, perhaps three to five years.

Other concessions might include lower rent or even the property owner's investment in conservation practices to hold the topsoil in place and recharge the underground water supply. Provisions might be included that the renter will maintain or improve the practices over the life of the lease. Some renters may be willing to use their own equipment to install conservation practices as a part of the rental agreement.

Property owners may request copies of the leasing checklist by writing the Chester County Conservation District, 235 W. Market St., West Chester, PA 19380 or by phoning 215/696-5126.

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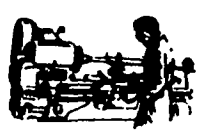

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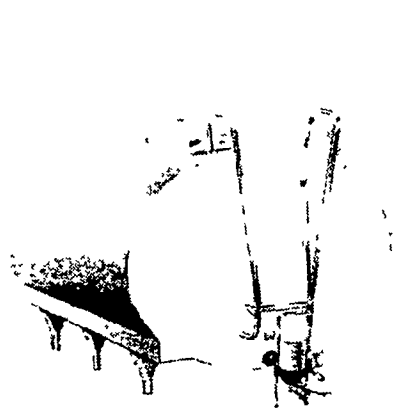

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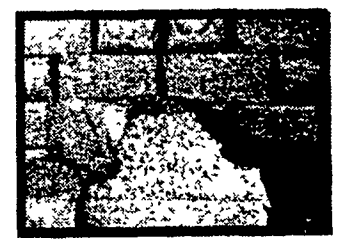

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Nursery men's conference set for Penn State

UNIVERSITY PARK — The 38th Annual Pennsylvania Nurserymen and Allied Industries Conference will be held on the University Park campus of Penn State Feb. 1-3. Sponsored by Penn State's Department of Horticulture and the Cooperative Extension Service with the Pennsylvania Nurserymen's Association, the conference is the top educational meeting of the year for the nursery industry in Pennsylvania.

The 1983 conference is really three conferences in one with Nursery/Garden Center Day on Tuesday, Feb. 1, Business Management Day on Feb. 2, and Landscape Contractor's Day Feb. 3. Registration is on a daily basis and the conference is designed to encourage employers to bring key employees for one or more days of training and information.

On Nursery/Garden Center Day, general and concurrent sessions will be offered featuring irrigation, weed control, container growing, computerization of the garden center, the changing consumer, and marketing communications and methods.

Business Management Day features Jon Jonovic of The Center for Family Business and Paul Mazza, an attorney who specializes in estate planning. This program will focus on the planning and continuity of the successful family-owned business.

Landscape Contractor's Day will feature information on using annual and perennial plants in the landscape, landscape design, tree maintenance, landscape construction, and interior plantscaping. All sessions will be held in the J.O. Keller Conference Center.

In addition to the daily programs the conference will feature an evening fireside chat, the Pennsylvania Nurserymen's Association Awards banquet, and the annual business meeting of the Pennsylvania Nurserymen's Association.

A complete copy of the program and registration material will be sent to all nurserymen, landscape contractors, and garden center operators registered with the Pennsylvania Department of Agriculture's Bureau of Plant Industries, as well as all members of the Pennsylvania Nurserymen's Association. Other persons interested in receiving additional information can contact Patty Teaman at 814/865-9547 or can write to Agricultural Conferences, 409 J. O. Keller Conference Center, University Park, PA 16802.

Chester Co. offers microwave cooking class

WEST CHESTER - The Chester County Extension Service is offering a basic microwave cooking course, featuring a series of four meetings designed to teach the essentials of using the oven.

The course will include basic cooking principles, actual meal preparation, and converting favorite family recipes for use in the microwave oven. A variety of microwave ovens will be used.

The workshop will be held at two different times: 1-3 p.m. and 7-9 p.m. on Tuesdays, Jan. 11, 18, 25, Feb. 1 (snow day-February 2) at the Extension Office, 235 W. Market St., West Chester, 3rd floor.

There is a fee for this workshop. To register call the Extension Service, 696-3500 by Tuesday, Jan. 4.

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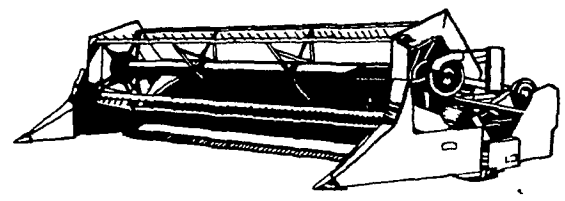

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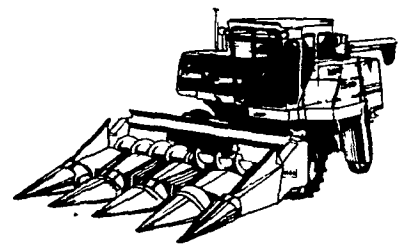

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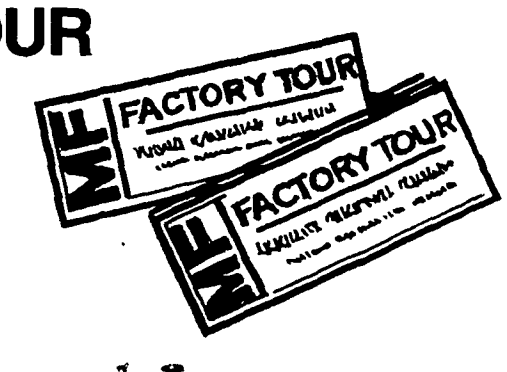

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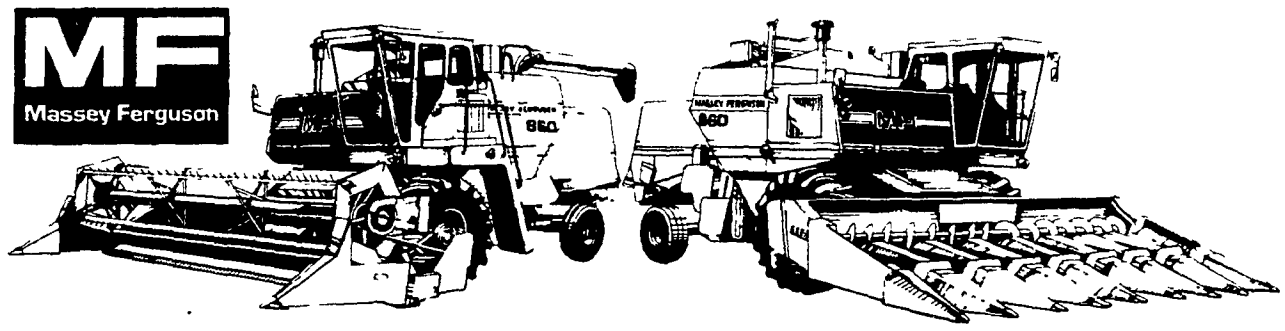

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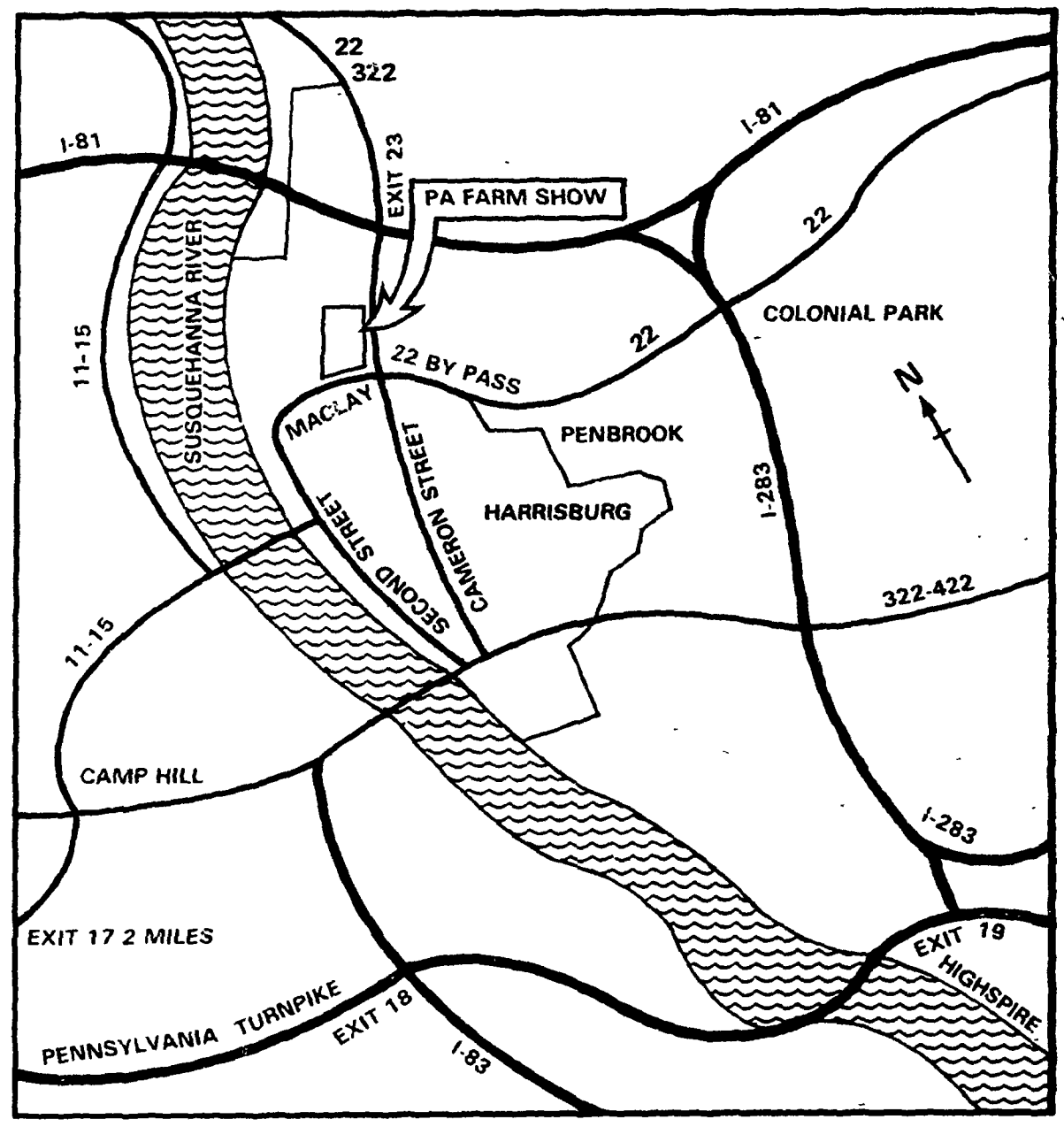
HEIFERS BULLS

1983
PA. FARM SHOW SCHEDULE



SUNDAY, JANUARY 9

8:00 a.m. - Judging: Tobacco, Main Exhibit Hall, Maclay Street Side.
9:00 a.m. - Judging: 4-H Entomology, Main Exhibit Hall, Maclay Street Side.
9:30 a.m. - Judging: Vegetables, Main Exhibit Hall, Maclay Street Side.
11:00 a.m. - Sheep Judging: Dorset, Hampshire, Suffolk, Shropshire, Cheviot & Southdown, Small Area.
11:00 a.m. - Non-Denominational Worship Service, Large Arena.
12 noon - Concert by Pennsylvania Air National Guard Band, Large Arena.
1:00 p.m. - Grand Opening Ceremonies; Large Arena.
1:00 p.m. - Judging: Christmas Trees, Main Exhibit Hall, Maclay Street Side.
1:45 p.m. - Concert by Pennsylvania Air National Guard Band, Commodity Booth Sampling, Large Arena.
6:30 p.m. and 9:30 p.m. - Country/Western Concert Featuring Jerry Reed & Bill Anderson (reserved Seats), Large Arena.

Meeting Schedule

2:00 p.m. - Commodity Queens Meeting, Room B.
7:30 p.m. - Pa. Sheep & Wool Growers Association, Room B.

MONDAY, JANUARY 10
SENIOR CITIZENS DAY

8:00 a.m. - Poultry Judging begins, Poultry Barn.
9:00 a.m. - Judging: Wool, Sheep Barn.
9:30 a.m. - Draft Horse Judging: Belgian & Clydesdale, Large Arena.
10:00 a.m. - Swine Sale: Berkshire, Small Arena.
11:00 a.m. - Draft Horse Judging: Percheron, Large Arena.
11:30 a.m. - Swine Sale: Duroc, Small Arena.
1:00 p.m. - Swine Sale: Hampshire, Small Arena.
1:00 p.m. to 3:30 p.m. - Vo-Ag School Demonstrations, Pennsylvania Room at Large Arena.
2:30 p.m. - Swine Sale: Landrace, Small Arena.
5:00 p.m. - Sheep Judging: Corriedale, Rambouillet & Merion, Small Arena.
6:30 p.m. - Secretary of Agriculture's Night: Pa. Farm Show Family of the Year, Agribusiness Award, Senior Farmer, Large Arena.
7:15 p.m. - Cumberland County 4-H Horse and Pony Riding Demonstration, Hitched Horse Competition (1-5 horses), Large Arena.

Meeting Schedule:

8:30 a.m. - Pa. Christmas Tree Growers Association - Registration, Hershey Convention Center.
10:00 a.m. - Pa. Society of Farm Women's 64th Convention, Forum Building.
11:00 a.m. Pa. Hampshire Swine Breeders Association, Room A.
12:30 a.m. - Pa. Corn Growers Association, Room E.
1:30 p.m. - Pa. Raw Milk Producers-Distributors Association, Room D.
3:00 p m. - Pa. Cattlemen's Association, Room A
5:00 p.m. - Pa. Cooperative Swine Breeders Association - Executive Meeting, Room C
6.00 p m. - Banquet - Society of Farm Women, Penn Harris Motor Inn.
7.00 p m. - Banquet - Pa Christmas Tree Growers Association, Hershey Convention Center.

TUESDAY, JANUARY 11

8:00 a m. - Dairy Cattle Judging: Guernsey, Brown Swiss and Milking Shorthorn, Large Arena.
9:30 a m - Dairy Cattle Judging. Holstein, Large Arena.
10:00 a.m - Swine Sale: Yorkshire, Small Arena.
10:00 a.m. to 3:30 p.m. - Vo-Ag School Demonstration, Pennsylvania Room, at Large Arena.
11:00 a.m. - Dairy Cattle Judging: Ayrshire and Jersey, Large Arena.
11:30 a.m. - Swine Sale: Spotted Swine, Small Arena.
1:00 p.m. - Swine Sale: Poland China, Small Arena.
2:30 p.m. - Swine Sale: Chester White, Small Area.
6:00 p.m. - Master Farmers Night, Future Farmers of America Band Concert, Large Arena.
7:00 p.m. - Folk Dance Festival & Concert, largest in the Nation with 480 contestants, Large Arena.

Meeting Schedule

9:00 a.m. - Christmas Tree Growers Association, Hershey Convention Center.
8:00 a.m. 12 noon - Pa. Society of Farm Women, Rooms D & E.
1:00 p.m. - Pa. Angus Association Auxiliary, Room A.
1:00 p.m. - Pa. Brown Swiss Breeders Association, Room B.
2:00 p.m. - Pa. Ayrshire Breeders Association, Room C.
1:30 p.m. - Pa. Jersey Cattle Club, Room D.
6:00 p.m. - Pennsylvania Dairymens Association, Penn Harris Motor Inn.
6:30 p.m. - Pa. Angus Association Auxiliary, Hanover Restaurant.
7:30 p.m. - Pa. Draft Horse & Mule Association, Room C.

WEDNESDAY, JANUARY 12

8:30 a.m. - Junior Sheep Breeding, Small Arena.
8:30 a.m. to 10:30 a.m. - Vo-Ag School Demonstrations, Pennsylvania Room, at Large Arena.
9:00 a.m. - Beef Cattle Judging: Polled Hereford and Angus, Large Arena.
10:00 a m. - Junior Market Lambs, Small Arena.
1:00 p.m. - Beef Cattle Judging: Shorthorn, Hereford, Large Arena.
1:00 p.m. - Junior Lamb Showmanship, Small Arena.
1:30 p.m. - Beef Cattle Judging: Chianina, Large Arena.
2:00 p.m - Beef Cattle Judging: Simmental, Large Arena.
3:00 p.m. - Junior Sheep Blocking & Grooming, Small Arena.
4:30 p.m. thru Evening - Championship Horse Pulling:, Lightweight Division; Six-Horse Hitch, Demonstration; Heavyweight Division, Large Arena.
6:00 p.m. - State Sheep to Shawl Contest, Small Arena.
8:45 p.m. - Auction of shawls, Small Arena.

Meeting Schedule

1:00 p.m. - 53rd Annual Mid-Winter Convention of Future Farmers of America, Forum Building.
2:00 p.m. - Keystone Pony Pullers Association, Room E.
3:30 p.m. - Pa. Charolais Association, Room A.
4:30 p.m. - Agri. Republican Meeting, Rooms D & E.

THURSDAY, JANUARY 13

8:30 a.m. - Junior Beef Breeding: Angus, Charolais, Chianina, Hereford, Shorthorn, Simmental, Large Arena.
8:30 a.m. - Junior Market Swine, Small Arena.
9:00 a.m. - 4-H Potato Grading & Identification, Room E.
11:00 a.m. - Junior Beef Steer Classes, Large Arena.
1:00 p.m. - Junior Swine Showmanship, Small Arena.
2:30 p.m. - Grand Champion Steer, Large Arena.
3:30 p.m. - Junior Beef Showmanship Contest, Large Arena.
6:00 p.m. thru Evening - Pony Pulling Contest: Lightweight, Mediumweight and Heavyweight Divisions, Large Arena.
6:00 p.m. - Bid Calling Contest, Small Arena.

Meeting Schedule

9:30 a.m. - Pa. Nut Growers Association, Room B.
1:00 p.m. - Pa. Pork Producers Council, Room C.
1:00 p.m. - Pa. Maple Syrup Producers Council, Room D.

FRIDAY, JANUARY 14

9:00 a.m. - Judging: Dairy Goats, Large Arena.
10:00 a.m. - Junior Market Swine Sale, Small Arena.
12:30 p.m. - Junior Market Lamb Sale, Small Arena.
1:30 p.m. - Junior Steer Sale, Small Arena.
4:00 p.m. - Show Closes.

Farm Women Societies

Lancaster Co. Society 2

Lancaster Farm Women Society 2 entertained 13 guests at their annual Christmas party, held at the Danner Home recently.

The following committee members were nominated: president, Betty Geib; vice president; Ada Almodovar; secretary, Esther Petticoffer; treasurer, Ruth Waltz; assistant treasurer, Elsie Witmer; sunshine committee, Edna Loose and Grace Miller; ways and means committee, Elsie Witmer, Esther Farrell, Phyllis Lord and Mabel Pinkerton; banquet, Florence Oberholtzer and Ruth Waltz; business, Esther Farrell and Peg Barrett; nominating, Mae Hosler and Betty Degler.

The next meeting will be held at the home of Mary Greist, Manheim.

Lebanon Co. Society 14

Lebanon Farm Women 14 held their annual Christmas party on Dec. 21 at the Campbelltown United Methodist Church. Eighty-nine people attended.

The group was entertained by a skit describing the real meaning of Christmas, entitled 'The Master's Puppets.'

York Co. Society 26

York Farm Women 26 met for their Christmas party at the home of Mary Lantz, recently.

Members exchanged gifts and discussed the upcoming convention in Harrisburg.

The January meeting will be held at the home of Mary Hake of Etters.

County Agent Assn. officers pose

Members of the Pennsylvania Association of County Agricultural Agents for 1982 include: front row, left to right, John Creighton, Wayne County, past president; William Kelly, Westmoreland County, president; Robert Hetrick, Blair County, vice-president; Jacob Guffey, Bradford County, treasurer.

Second row, left to right: Glen Shirk, Lancaster County, address coordinator; Thomas Jurchak, Lackawanna County, director; Alton Homan, Bradford County, director; and James Weiler, Bedford County, director.

Third row, left to right: David Fowler, Clarion County, director; William Shuffstall, DuBois Penn State Campus, director; and Thomas Walker, Washington County, director.

Not present for the picture were William Messersmith, Lycoming County, secretary; and directors Jay Irwin, Lancaster County, Gordon Walker, Juniata County; and David Dunbar, Lehigh County.

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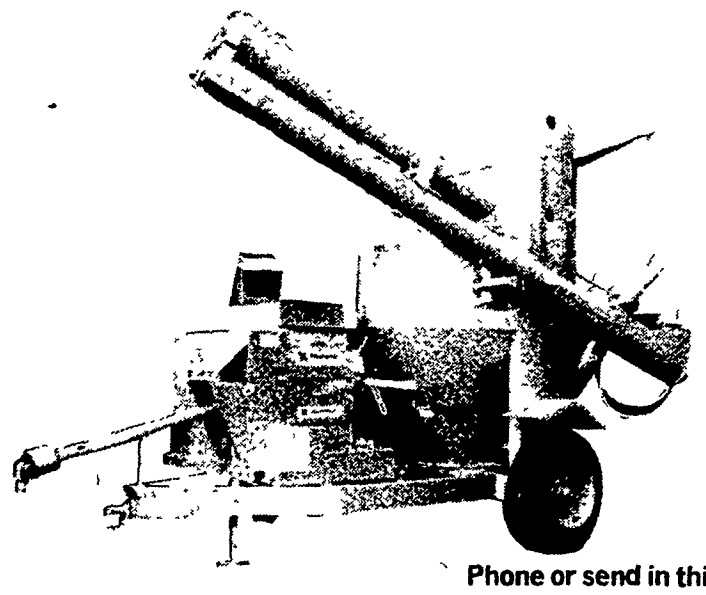

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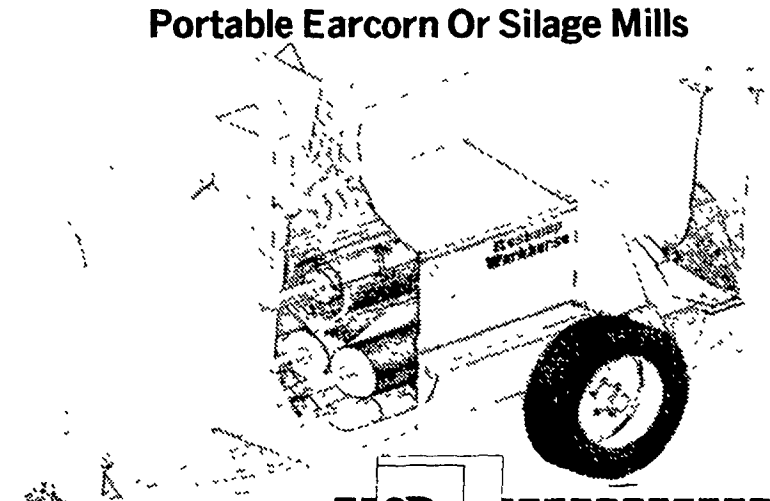

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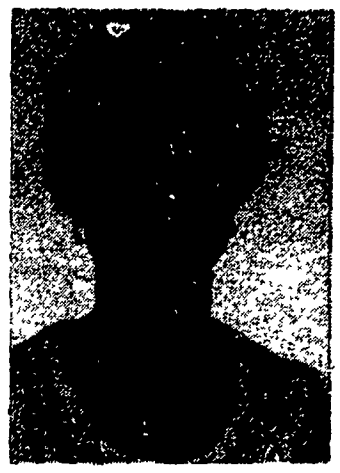

On being a farm wife -And other hazards

Joyce Bupp

If recent experience means anything, I'd guess that 1983 isn't going to be a great deal different from the closing days of this rapidly ending year.

"The heifers are out!"

Is it too much to ask for a year, just one year, in which the yearling and bred heifers would see fit to not venture forth into muddy garden patches or the neighboring housing development?

While the majority of the four-legged sprinters are relatively subdued of late, thanks to newly-repaired pasture fencing, a small clique of "pets" continues to practice escapes with the aggravating consistency of a two year old prone to temper tantrums.

These are the youngster's 4-H heifers, plus a couple of their pasturemates kept with the group for extra attention and taming. Because of their pampered status they've become spoiled bovine "children," prone to escape gates with Houdini-like talents and then sneak into the barns to stomp over feed bags and scatter hay.

One 2 a.m. telephone call from a wonderful neighbor some time ago sent the farmer out into the cold, dark, early-morning on his roundup motorcycle. Why the backyards of the neighbors, a quarter-mile away, become such an enticing grazing area, is beyond me.

One pampered pet is the farmer's special favorite, so he periodically takes from her pen to exercise in the lower yard. She takes great delight in ripping across the lawn, kicking her heels in the air, tail stretched out straight behind her, as she romps through "recess."

That's where she thought she was headed when the pen door opened last week for a clean-out session. Like the proverbial flash, she slipped through the slightly opened door and high-tailed it up around the garage as fast as her long legs could propel along the swaying belly. In hot pursuit, but with the distance rapidly increasing between them, was a two-legged runner whose plans had not included this game of tag.

Watching the action from the washline, where'd I'd been hanging out clothes, I heard an exasperated yell from the young employee racing down the road after the getaway: "Look heifer, you have four legs and I only have two. This isn't fair!"

As she paused a moment to catch her breath, I declare that heifer was wearing a smirk that stretched from one ear to the other.

Finally she romped back toward the house where we could coax her to slow down long enough for a scratch behind the ears and a hug, at which time a halter wiggled over her head and halted the track meet.

May your New Year be as happy as a heifer headed for the open field with the gate swinging behind her.

Don't panic if you suspect house pests are uninvited guests

NEWARK, Del. — Insect pests are common around the home. Causing the most concern are those that attack structural wood (like termites, ants, power-post beetles or old house borers), clothing (such as carpet beetles), or stored food (mealworms, flour beetles). When an infestation seems serious, most people consider calling in a professional pest control operator.

The problem is knowing when you really need one, and then choosing a firm that will do the job safely and effectively at a fair price.

University of Delaware Extension entomologist Frank Boys often gets calls from homeowners alarmed about troublesome insects. Some callers are in a state of near panic because they assume any infestation constitutes an emergency. Boys has some comforting advice for such people.

"Don't panic if you suspect an infestation," he says. "Insects work slowly. Your house won't collapse or your food ruin overnight. Consider termite or carpet beetle control as just another repair job that may be necessary to keep the place in sound condition."

Boys advises homeowners not to rush into hiring a pest control service. "Take your time," he advises. "Delays of a few days or even weeks won't make much difference. You always have ample time to buy this service wisely and at your convenience."

Most pest control operations are reliable, legitimate businesses. But even so, Boys recommends investigating a company before committing yourself. If a firm offers references on work done in the past, check with the Better Business Bureau, the Delaware Division of Consumer Affairs, or your Extension agent to find out whether it has a reputation for responsible service and operates out of an established address. If it's an out-of-town firm, make sure it has an established address and check its references. Reliable businesses welcome this.

Membership in the Delaware Pest Control Association or the National Pest Control Association are evidence the company is legitimate and has met certain requirements. County Extension offices in Newark, Dover and Georgetown have lists of operators who are members of the Delaware Pest Control Association. Check that list.

Before committing yourself to a contract, ask the pest control operator to give you a written description of the proposed work and an estimate of its cost. Then take time to consider the estimate. Before signing, understand clearly what obligations you are assuming and what you will get in return.

"It is customary to guarantee pest control work," Boys says. Find out what type of guarantee the firm offers. Determine if a yearly charge will be made during the guarantee period or whether such charges are included in the price of the job.

To protect consumers from unethical home service practices, in 1974 the Federal Trade Commission established a three-day cooling off period for door-to-door sales agreements. This period covers all sales with a total value of $25 or more in which the seller personally solicits the sale. Included are sales in which the buyer initiates the contact, provided the sale takes place other than at the seller's place of business.

Under this law, the seller is required to include a statement on all contracts, receipts and related papers informing buyers of their right to cancel within three days. Along with the contract, the seller is also required to furnish a "Notice of Cancellation" with wording specified in the FTC rule.

Boys advises individuals considering hiring a pest control operator to be aware of their rights as consumers. Don't let yourself be panicked into hasty action you may later regret.

F.W.S. Calendar

Saturday, Dec. 1
Happy New Year!

Saturday, Dec. 8
Lancaster Society 6 meets at the home of Mrs. Martin Spangler for a music program

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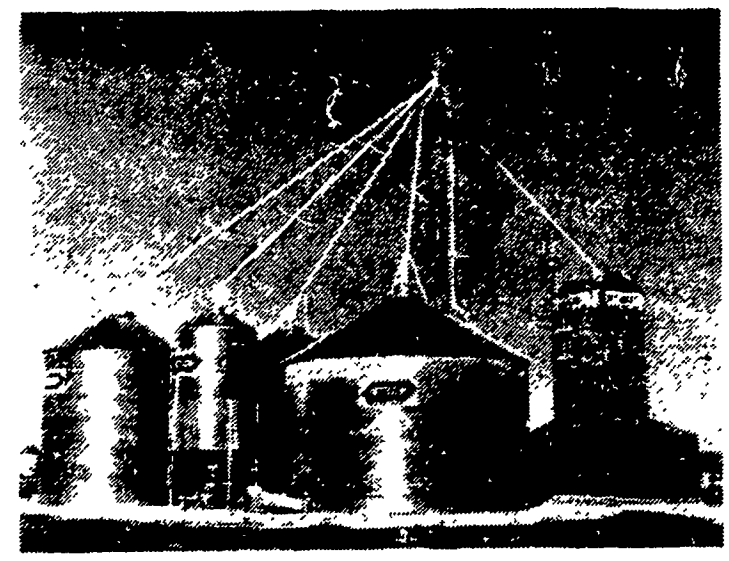

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York County DHIA Monthly Report

dhia — Pennsylvania Dairy Herd Improvement Association

November, 1982

1,073 lbs. BF and 26,859 lbs. milk was produced in 305 days by Flee a 4 year old Holstein owned by David Stewart, R1 Delta. Second high was Jax a 12 year old Holstein who produced 908 lbs BF and 22,842 lbs. milk in 305 days, owned by Paul King, R2 Delta.

High herd was Lynn Wolf, R1 Abbottstown with 55 Holstein cows producing 21,240 lbs. milk and 800 lbs. BF. Second high was Smyser's Richlawn, 2691 E. Berlin Rd., York with 67 holstein cows producing Farm 21,853 lbs. milk and 788 lbs. BF.

OWNER	BREED	NO. COWS	% DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Lynn Wolf	3	54.8	91.2	21,240		800
Smyser's Richlawn FM	3	67.1	87.8	21,853		788
Jim McCafftree	3	38.8	85.0	21,169		740
Paul R. King	3	46.1	87.3	18,164		719
Geo Knight	3	112.8	90.7	19,405		716
William Myers	B3	38.3	87.0	19,405		707
Thomas A. Boyer	3	40.3	85.2	19,702		702
HS & RE Fetrow	3	77.7	86.5	18,780		702
Wayne E. Myers	3	41.0	82.3	18,568		698
Beshore Farms	3	45.5	84 4	19,239		694
The J. E. Baker Co.	B3	40.4	84 1	19,321		689
Leonard W. Greek	3	29.2	84.9	17,744		684
Stump Acres	B3	95.1	91.8	18,406		672
Rick L. Cook	B3	57.2	86 4	17,434		672
Sinking Spring Fm In	3	67.9	86 1	18,587		671
David Stewart	3	108.7	88 7	18,654		668
Wayne B. Mummert	B3	70.7	85.9	17,793		658
Melvin R. Lehr	B3	45.5	84.1	17,217		645
Fawn Meadow Hols.	B3	66.0	87 4	17,605		642
William Ruppert	B3	51.9	87.2	17,844		640
B. Robert Charles	B3	46.7	86.0	17,900		632
Rineway Dairy Farm	B3	98.7	87.0	16,759		625
Earl Fuhrman	B3	82.0	86 1	16,591		624
McRal Dairy Farm	B3	139.9	91.7	18,698		623
Ellis Crowl	B3	97.8	85.8	16,753		619
T. Edwin Johnson	3	57 8	86.0	16,391		611
Daryl L. Bair	G3	39.9	87.0	17,777		610
Titus Walker	G3	36.0	87.1	16,059		610
Smokey Hollow Farm	G3	33.1	88.2	16,943		609
Kenneth L. Rexroth	B3	109.6	85.3	16,436		608
R.R. & M.R. Stewart	3	49.1	91.7	16,487		608
Edwin L. Calhoun	B3	41.6	87.7	16,974		601
Gum Tree Farm	3	41 5	88 1	17,260		599
Hidden Springs Farm	B8	84.6	84.5	15,084		594
Honeycrest Fm	B2	99 5	86.9	13,588		593
Walnut Hill Farm	B8	41.6	85.8	17,482		593
C. Robert Kilgore	3	46 3	88.9	16,765		593
Double D Farm	B3	96 9	84.3	15,976		591
Leland Stanford	B3	35.2	86.3	16,941		590
Fred Sprenkle	3	37.5	83.7	17,248		590
Elvin G. Molison	B3	141.2	84.2	16,169		589
Harold Brown	3	71.6	83.7	16,041		588
J.H. & M.B. Hushon	B3	97.6	87.3	16,550		583
Leroy Bupp	3	94.2	85.9	17,589		581
Horace E. Heindel	B3	117.7	85.6	16,553		579
Walkers Farm	B3	76.2	87.3	16,461		578
Big T Holsteins	B3	87.9	83.9	16,681		572
Rutter Bros.	2	82.2	86 0	11,783		567
Phillip D. Laughman	3	31.5	86 0	15,490		560
Richard E Stough	B3	35 9	86 2	15,484		557
Rodman C. Thompson	3	60 9	84.4	15,970		556
Wayne L. Sweitzer	B3	89.6	85 7	15,501		555
Dennis J. Myers	3	51 2	86.5	15,474		554
Leroy Hertzler	B3	27 8	89.1	15,045		553
J. Donnel Taylor	B3	105 4	86.0	15,495		552
John P Bortner	B3	27 1	87 3	14,637		548
Dale L Barshinger	B3	38 4	81.5	14,808		545
Mervin W Hertzler	2	66 3	86.5	11,639		537
David M Emig	B3	57 9	87 2	13,334		535
John D Adams	B3	74 2	84 7	14,905		534
David & Chris Druck	B3	72 6	81.7	16,684		534
Lonnie Robinson	3	10 7	76 5	16,133		534
Perrydell Farms	G3	173.8	83 8	14,515		529
Robert W Mays	B3	66 4	88.1	15,459		528
Elwood T. Krick	B3	83.9	90.5	13,802		527
Albert Dehoff	B3	140 3	87.8	14,020		526
Jacob Brubaker	B3	54.4	84.6	14,635		525
Robert Buser	B3	75.1	86.4	15,787		524
Robt Baumgardner Jr	B3	55 0	83.4	14,396		524
R. & M. Farms	G3	36 4	89.7	13,446		522
Eisenhart Bros	B3	73 6	88.9	13,973		521
Ramsey S. Cooper Jr	B3	63 3	86.7	14,583		521
David V. Thompson	B8	78.6	80.8	13,592		521
John C. Krone	B3	41 1	85 5	15,070		520
Philip R. Stambaugh	3	58 6	86.8	13,716		515
Carl Anderson	B3	60 2	85.3	13,725		515

(Turn to Page B20)

1. Want To Cut Your Feed Cost?
2. Tired Of Paying Someone Else To Prepare & Deliver Your Feed?
3. Need A System That Will Accurately Weigh (99% Accuracy) And Mix All (up to 14) Ingredients?

If You Answered "YES" To Any Of The Above...

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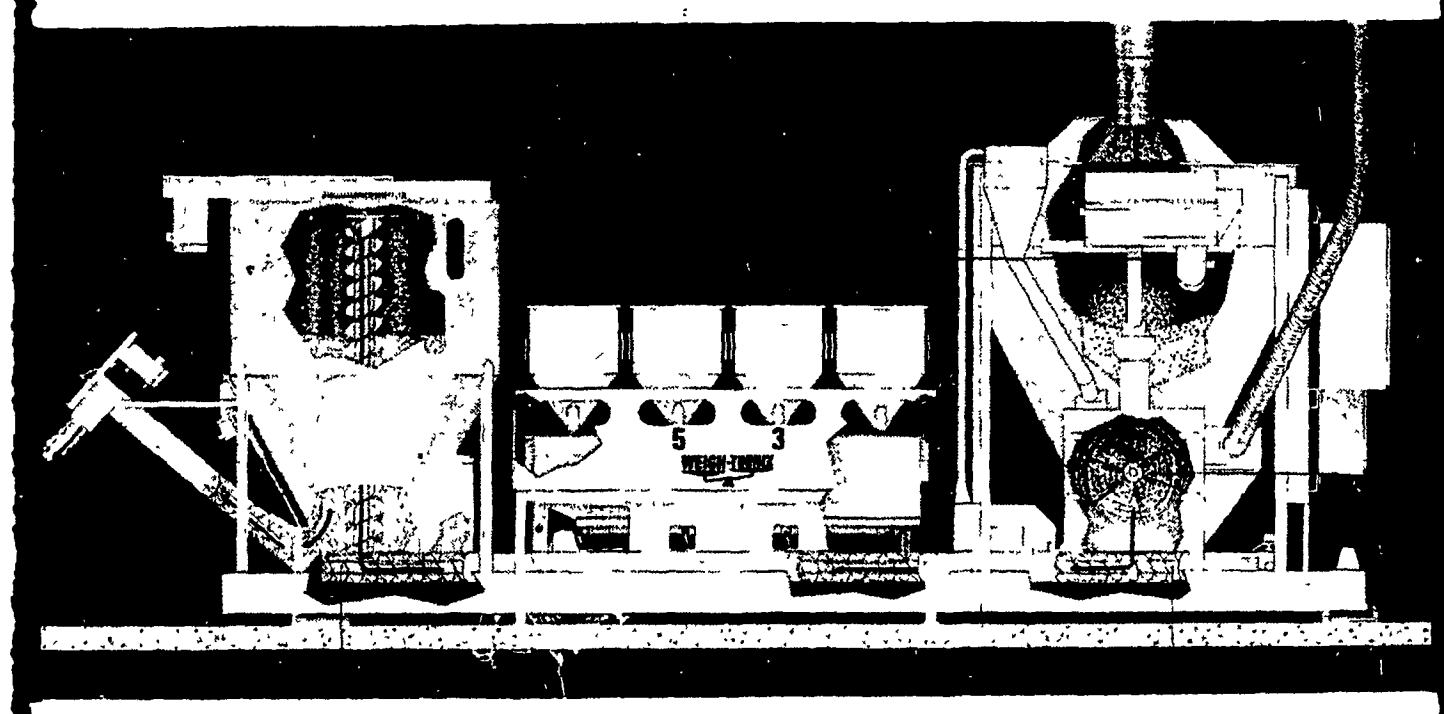

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11.2x24, 4 ply	$95.00
11.2x28, 4 ply	$113.00
12.4x28, 4 ply	$125.00
13.6x28, 6 ply	$155.00
13.6x38, 6 ply	$191.15
14.9x28, 4 ply	$158.00
14.9x38, 6 ply	$224.00
15.5x38, 6 ply	$220.72
16.9x34, 6 ply	$250.00
16.9x38, 6 ply	$275.00
18.4x38, 8 ply	$364.12
20.8x38, 8 ply	$495.00
20.8x34, 6 ply	$450.00
18.4x34, 6 ply	$289.00
18.4x34 8 ply	$325.00
16.9x30, 6 ply	$224.00
18.4x30, 6 ply	$262.00
14.9x28, 6 ply	$173.00
13.6x28, 4 ply	$140.00
16.9x28, 6 ply	$220.00

★ Above tires are original equipment type, Federal Tax is included in above price.

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In PA Call 1-800-222-1729

York Co. DHIA

(Continued from Page B19)

William H. Fantom	B3	62 9	83 8	13,679	513
D & R Burchet	B3	107 6	88 9	14,368	512
Donald Lanius	B2	89 6	85 4	10,640	510
Charles Herr & Son	B3	50 7	86 0	13,866	508
Deal Holsteins Farm	B3	106 4	85 9	13,527	504
Doug & Gene Kilgore	B8	60 2	82 5	13,808	504
My-T Farms	B3	46 7	81 1	13,329	504
John H Doll Jr	3	34 6	86 8	15,712	504
Eugene B Taylor	B3	41 9	86 7	13,868	504
Furnace Creek Farm	3	110 4	85 8	14,417	503
Albert Neufeld	B3	109.9	84 2	13,310	502
Dennis L McWilliam	3	59 6	84 6	15,147	500
Gary W Thoman	3	42 4	83 3	13,811	500

OWNER NAME OR NUMBER	BREED	AGE	DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Fawn Valley Farm						
Pearla	3	8-0	305	13,688	4 1	555
Ened	3	7-3	295	19,447	3 0	592
JO-78	3	4-8	305	14,412	4 1	598
Spice 1	3	4-3	305	14,070	4 6	641
Sinking Spring Fm Inc						
Mavis	3	6-10	305	26,884	2 7	736
Jacquel	3	3-10	300	18,199	3 6	663
Rutter Bros						
Pansy	2	6 7	290	12,975	4 7	606
Marcy	2	5 3	305	11,254	5 2	583
Little	2	2 2	305	12,555	4 2	529
Beshore Farms						
Lana	3	5 6	297	24,374	3 6	874
Job	3	3 2	305	19,033	3 5	668
Leroy Hertzler						
Doodle	3	5-1	286	15,652	3.9	604
Gum Tree Farm						
Yasmin	3	8-2	197	13,824	3 6	501
August	3	6 6	269	17,625	3 4	603
Doug & Gene Kilgore						
April	3	3-3	300	15,539	4 6	712
Rineway Dairy Farm						
171	3	5-9	305	20,064	3 2	635
174	3	5 10	267	16,896	3 6	604
211	3	4-2	269	15,091	4 3	646
243	3	3-5	278	17,942	3 6	641
R R & M R Stewart						
Pmt Pat	3	6-5	302	17,420	3 4	598
Polyana	3	4-0	305	19,559	3 5	675
Leroy Bupp						
Amie	3	10-4	305	23,399	3 0	701
Jan	3	9-0	305	25,376	3 1	794
Bessie	3	6-2	305	22,360	2 9	659
Hallie	3	4-2	305	23,101	3 4	784
652	3	4-5	258	19,043	3 1	587
Lady	3	5-6	305	22,113	3 7	829
Michele	3	3-9	226	10,964	4 1	446
Dennis L McWilliams						
24C	3	6 9	305	19,148	2 7	519
Palmer McWilliams Jr						
3	3	3-0	305	17,543	3 3	573
Dennis J Myers						
Edna	3	12-2	305	18,341	3 8	705
Blackie	3	3-6	305	17,036	4 0	689
Titus Walker						
4349	3	5-7	282	17,345	4 3	753
C. Robert Kilgore						
22A	3	10-10	283	16,840	3 8	641
Ellie	3	6-2	305	24,801	3 5	860
Marian	3	2-11	305	16,590	3.5	574
Paul R King						
Jax	3	12-1	305	22,842	4 0	908
Rita	3	10-0	305	18,291	4 5	824
Shine	3	4-3	305	17,309	4.4	770
April	3	3-6	305	19,293	3 6	698
Pickles	3	2-1	305	16,144	3 5	568
Annie	3	2-0	305	19,022	3.5	663
Lucky	3	2-3	305	14,471	4 6	668
Wayne B Mummert						
39	3	5-2	305	22,671	3 7	846
8	3	3-9	291	17,499	3.1	549
14	3	3 1	300	17,402	3.7	649
Dale & Darla Doll						
Manda	3	12 4	305	14,726	3.4	501
Alysia	3	4-9	305	16,935	3.4	584
Audrey	3	4-1	305	17,565	3.0	532
Sylvia	3	3 2	305	16,163	3 7	600
D Fantom & E. Gordon						
June	3	10-8	305	13,757	4.0	546
Nina	3	9-9	305	12,416	4 0	500
Pam	3	6-4	305	15,756	3 7	581
Lynn Wolf						
Duchess	3	8-0	301	22,553	3 6	814
Edith	3	7-3	305	19,655	3.8	742
Frankie	3	6-0	305	20,324	3.6	736
Image	3	3-2	305	21,639	3.6	776
Jackie	3	3-0	284	18,327	4.0	728
Jane	3	2-11	305	18,985	4.3	814
Karan	3	1-11	305	17,776	3.5	623
Juliet	3	2-1	305	18,509	3 7	693
June	3	2 4	305	22,006	3 0	653
Ramsey S Cooper Jr.						
Clara	8	7-2	305	16,715	4 1	679
Dutchs	3	3-10	286	15,564	3 4	527
Ella	3	8-0	305	15,591	3.9	610
Melvin R Lehr						
29	3	7 2	305	23,341	3 8	898
3	3	5-7	274	18,496	3.8	695
52	3	3-3	287	14,463	4 3	620
Carl Anderson						
18	3	7-6	279	16,211	3 3	528
5	3	4-6	305	16,518	4 0	655
40	3	3-6	305	15,223	3 5	538
Charles Herr & Son						
Sally	3	4-1	305	17,090	3.5	595
Tammy	3	2-8	305	14,201	3.5	502
Wayne L Sweitzer						
Carrie	3	8-3	305	14,138	3.9	554
Cherry	3	8-2	305	14,992	3.8	568
Susie	3	4-0	305	18,370	4.3	783
Gena	3	4-4	305	15,975	3.8	600
Jenny II	3	2-0	305	15,973	3.4	547
GlHolly	3	1-11	305	13,600	4.1	553
33	3	6-7	305	16,155	3.2	513
Rick L. Cook						
Retta	3	6-10	305	17,975	3.7	671
Phyllis	3	4-11	305	18,961	4.0	754
Teddy	3	4-4	305	19,129	3.8	735
Clover	3	2-1	305	17,299	3.8	661
J. Donnell Taylor						
Sabrina	3	7-1	275	17,631	3.2	572
Joy	3	4-9	277	15,816	3.6	574
Bupplynn Farms Farm2						
Nedra	3	1-10	305	18,949	3.2	599
Elvin G. Molison						
57	3	6-1	305	16,649	3 7	611
40	3	4-0	305	19,041	3.8	716
10	3	2-3	305	12,972	3.9	504
John D Adams						
64	3	5-3	273	16,759	3 6	604
63	3	6-4	305	21,837	3.6	779
24	3	2-1	305	13,767	3 9	541
76	3	1-11	305	14,597	3.8	558
Mervin W. Hertzler						
Dawn	2	10-8	305	12,960	4.5	582
Paula	2	8-6	305	13,129	4.2	552
Renita	2	4-3	305	15,801	5.3	838
Gwenyth	2	2-2	305	11,495	4.3	500
Gary W Thoman						
17	3	6-6	305	17,853	3.4	604
8	3	8-4	305	17,224	4.0	691
R & M Farms						
562	3	2-2	305	16,148	3.9	624
72H	3	4-3	281	14,081	4.0	570

(Turn to Page B21)

Patz

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HIGH PRESSURE WASHING & DISINFECTING POULTRY HOUSES AND VEAL PENS

Spraying For Mites And Beetle Control

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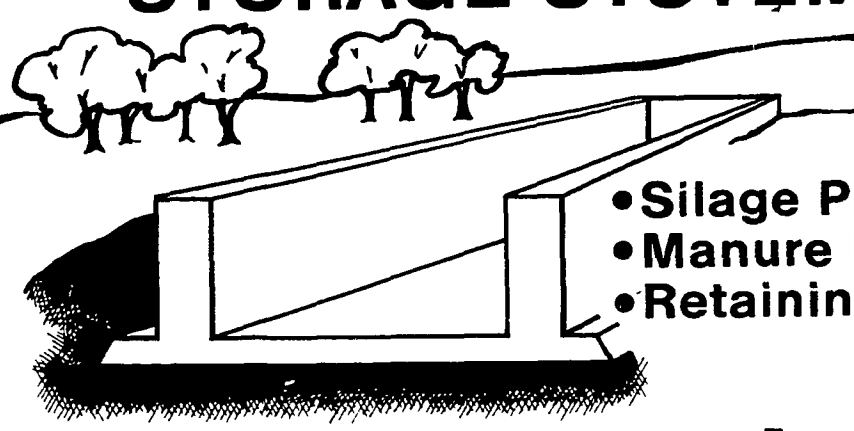

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•Manure Pit Walls
•Retaining Walls

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York Co. DHIA

(Continued from Page B20)

Edwin L. Calhoun						
Wilma	3	7-9	305	19,291	3.7	712
73	3	4-5	305	18,608	4.1	759
Eugene B Taylor						
Star	3	4-9	305	17,182	3.2	550
Robert W. Mays						
49	3	6-7	305	18,534	2 9	546
50	3	7-0	305	18,632	2.9	721
43	3	7-0	305	18,361	3 9	539
27	3	3-9	305	16,011	3.3	528
Robt. Baumgardner Jr.						
27	3	7-2	305	16,523	3.4	559
Lynn	3	4-2	296	15,761	3.4	541
Walkers Farm						
424	3	7-2	305	21,104	3.9	826
401	3	7-2	294	20,069	3.5	708
410	3	7-3	283	17,175	3.7	642
411	3	4-2	305	20,484	3 2	663
9	3	5-7	270	13,837	4 0	547
0	3	2-2	305	15,237	3.9	594
Perrydell Farms						
8	3	5-2	305	17,956	3 6	642
55	3	5-2	289	18,481	3 4	637
83	3	4-2	305	21,461	3 1	661
97	3	4-3	279	14,054	4 1	574
116	3	4-2	305	16,275	4 4	709
134	3	4-2	296	14,214	4 4	619
145	3	5-2	305	17,096	3 8	656
171	3	4-4	248	16,068	3.4	545
170	3	3-3	276	16,165	3 6	576
9	3	3-2	305	16,546	4 3	711
203	3	2-2	305	14,331	3 8	547
204	3	2-2	305	13,285	4 0	528
Robert Buser						
111	3	4-2	305	22,113	2 8	624
David Stewart						
Andy	3	8-5	301	20,535	3 1	636
Fern	3	6-5	305	19,949	3.8	756
Fan 21	3	7-3	305	22,732	3 7	849
Flee	3	4-3	305	26,859	4 0	1073
Ella	3	4-1	305	21,803	3 3	723
Flese	3	3-3	305	24,202	3 3	803
Fairy	3	2-6	305	17,188	3 4	576
Fly	3	2-4	305	17,910	3.5	632
Angel	3	2-4	305	18,358	3 4	616
Nell	3	2-7	305	22,276	2 9	647
Richard Staner						
Brilant	2	5 10	305	11,826	4 3	514
My-T Farms						
19	3	6-3	296	19,087	3 1	587
3	3	6 2	305	17,890	3 6	639
29	3	5 2	305	15,372	3 8	591
Double D Farm						
D-109	3	6 2	305	18,862	3 8	710
D-133	3	3 2	305	18,224	3 5	631
63	3	4-4	305	20,885	3 2	677
87	3	4 3	305	14,909	4 0	600
Arthur L. Kilbourne						
Mandy	3	3-3	277	15,253	3 4	516
Barrens View Fm						
Molly	3	5 11	305	18,980	3 6	691
McRal Dairy Farm						
395	3	6-11	305	21,980	3 0	656
456	3	4-11	305	24,545	2 6	644
125	3	3-7	305	25,128	2.2	554
191	3	2-4	305	19,762	3 2	624
196	3	2-2	305	18,095	3 5	633
William Ruppert						
Beauty	3	11-0	277	16,447	3 6	585
Speedy	3	7-8	294	18,180	3 6	651
Pearl	3	5-9	283	11,247	4 4	500
Joan	3	5-8	305	18,003	3 6	657
Wayne E Myers						
Jamie	3	1-11	305	17,159	3 9	663

$750,000 Barn Fire Loss

Farmer in Bradford County loses 160 cows in $750,000 barn fire. Is your insurance adequate to cover such a loss? Our agent in your area will gladly give you a quotation without obligation.

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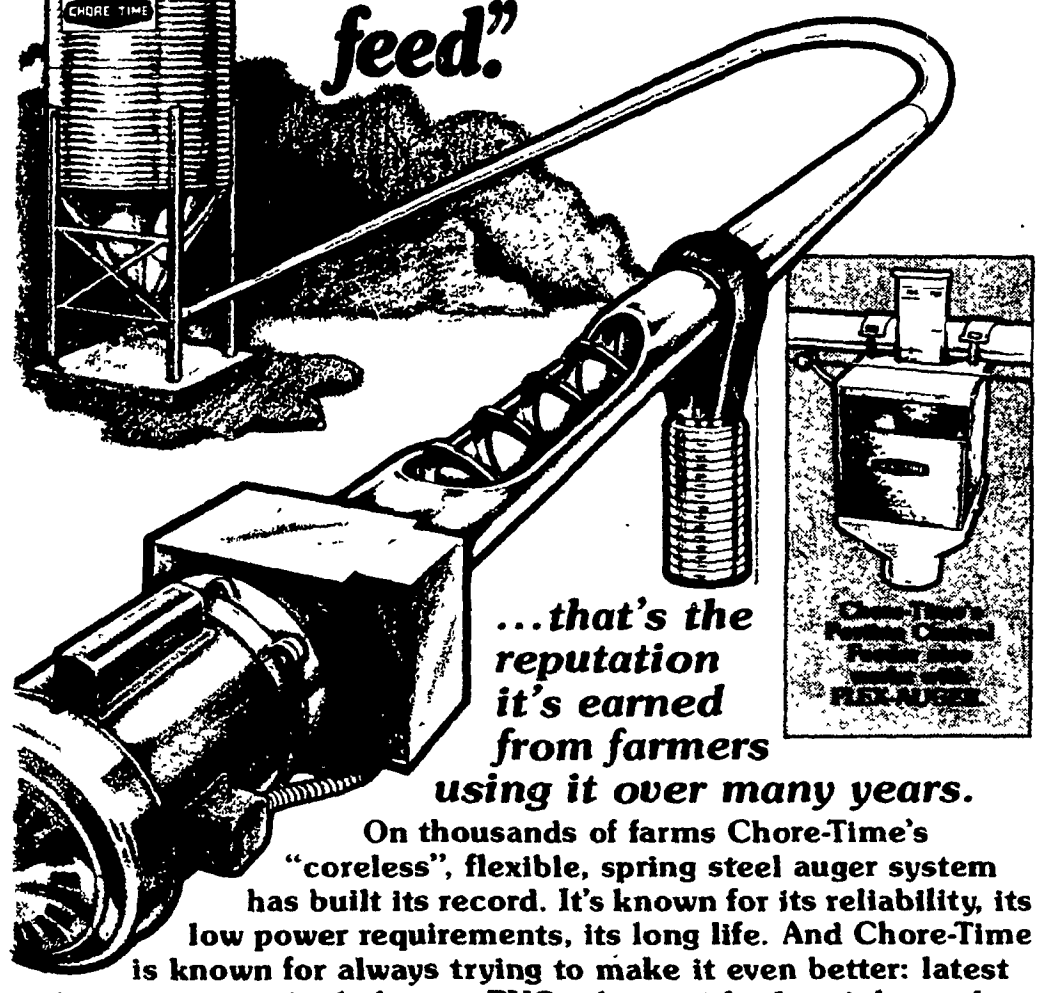

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BULK TANKS, with something in common . . .

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AMBASSADOR
500 To 6000 Gal

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200 To 1000 Gal. Sizes

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We do the complete installations.
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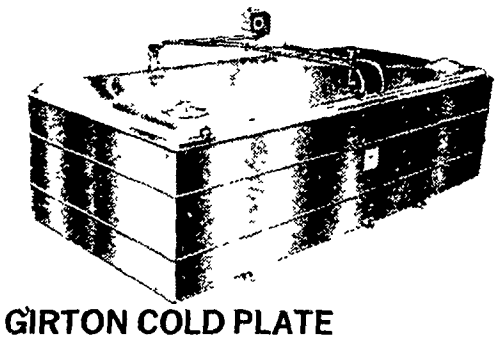

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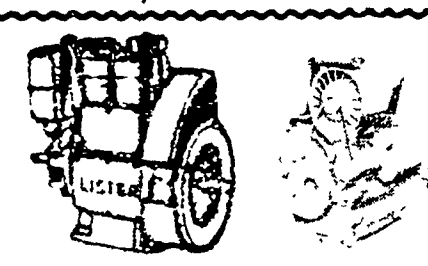

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Perry County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

November 1982

OWNER	NO. COWS	% DAYS IN MILK	LBS. MILK	LBS. FAT
Ray E. McMillen	65.6	86.7	22,112	818
Milmay Farm	54 1	88.4	20,398	758
Kenneth R. Benner	63.3	88.8	20,005	758
Benjamin E. Dum	47.3	90.6	20,997	754
Richard L. Maurer	48.4	88.2	18,962	750
Alfred Albright	94 3	87.3	19,846	738
Frank Rice	49 3	86.6	19,483	723
Max Reapsome	52.0	87.2	19,337	713
Richard G. Smith	53.6	86.4	18,992	711
Dean Loy & Son	48.5	87.1	19,109	701
Wm. E. Martin & Sons	155.0	88.0	18,474	696
Nevin G. Rice	88.1	89.5	18,773	694
Richard Kriebel	38.9	87.8	18,041	690
Robert & Bernice Gabel	39.6	89.6	18,416	690
Dumbelle Farms	51.4	90.3	18,480	687
Milligan Bros.	65.2	87 7	19,251	687
Delmar Brofee & Sons	122.0	85.7	18,596	682
Charles C Byers	29.0	94.7	18,104	677
R. Jack Crozier	49.9	89.3	18,063	675
Carl E McMillen	86.2	86.7	17,914	675
John E. Book	38.1	88.7	17,887	674
Donald Dum	34.8	90.4	17,460	673
Edwin L. Sheibley	65.2	81.7	18,439	666
Fred & Nancy Neely	36.0	85.1	17,795	662
Philip E. Brubaker	51.5	87.1	17,695	661
David H. Weller	46.8	85.9	17,639	661
Ed. & Wilma McMillen	41.8	84.7	17,606	646
Oscar & Winnie Campbell	48.1	85.5	16,692	646
Agrophilos, Inc.	60.3	88.0	17,084	639
Dean & Eric McMillen	40.6	83.7	16,995	638
Harry R. Book, Jr	45.6	87.9	17,546	638
Dobbs Brothers	28.7	86.8	17,147	637
Clarence S. Martin	52.9	84.9	18,168	635
Bratton View Farm	73.8	88.1	16,880	628
Ray L. Kling	62.9	86.9	18,342	628
John O'Toole & Sons	53.0	88.6	16,540	620
Perry M. Kretzing	91.8	86.0	16,202	612
Mt Home Farm	107 3	89.1	16,069	607
Arthur E Dum, Jr	42 8	86.5	16,530	607
Dale Smoker	76 9	84.1	16,350	606

OWNER NAME OR NUMBER	AGE	DAYS IN MILK	LBS. MILK		LBS. FAT
Alfred Albright					
Mabel	5-4	305	24,573	3 6	879
Jean	6-4	305	24,440	3 8	924
Tessie	5-4	305	24,756	3 6	886
Sadie	3-6	305	18,475	3 9	714
Dora		305	20,862	3 4	708
Nevin G Rice					
209	5-4	305	25,649	3 7	946
223	5-0	305	20,959	3 6	752
245	4-4	297	19,192	3 7	707
250	4-1	305	20,494	3 2	666
296	2-11	305	18,012	3 8	686
Lyons Brothers					
Trudy	4-1	305	17,286	3 8	653
Max Reapsome					
Melody	5-10	305	23,835	3 8	907
William E Martin & Sons					
3	9-9	305	23,793	3 3	790
150	7-2	305	21,273	3 7	797
164	7-2	305	20,898	4 4	929
212	6-3	305	18,502	4 0	742
228	6-0	305	19,079	3 7	702
292	5-0	305	20,530	4 1	840
335	4-4	305	22,324	3 4	766
354	4-2	296	18,191	4 3	783
510	2-0	305	16,114	4 0	650
Benjamin E Dum					
Total	7-2	305	21,710	3 6	772
Lipstic	5-1	305	25,747	3.2	829
Raven	3-10	305	23,578	3 7	870
Trudy	3 1	305	20,375	3 6	725
Dancer	3-2	305	24,555	3 1	764
Dumbelle Farms					
Missy	7-3	305	17,452	4 4	773
Lucy	3-9	305	17,312	4 1	715
David Trout					
195	9 4	305	21,290	3 1	665
Frank Rice					
Pam	6 1	305	22,331	3 6	804
Misty	5 2	305	17,942	3 7	662
Teddy	4-3	305	20,381	4 1	829
Jane	4-2	305	22,184	3 1	682
Matty	2-3	305	21 641	3 7	809
Milligan Bros					
April	5 1	269	20,484	3 7	761
Faith	2-8	305	17,893	3 6	653
John E Book					
66	4 3	305	22,815	3 3	764
Bratton View Farm					
Meg	8 0	305	19 037	3 8	718
Salma	5 3	287	19,864	3 8	760
Lena	5 1	305	20,217	3 8	769
Abby	2 11	305	20,100	3 3	658
Rachel	2 9	305	17,140	3 9	677
Kenneth R Benner					
Silver	6 2	305	17,515	4 8	845
Spark	6 1	305	16,600	4 3	715
Anna	5 6	305	25 643	4 4	1124
Oscar & Winnie Campbell					
Net	6 0	269	14 760	4 6	683
Charles C Byers					
Van	3 6	305	18 546	3 5	652
Agrophilos, Inc					
273	4 11	305	23,265	3 4	784
Melvin S Weaver					
1	6-2	305	22,232	3.0	671
53	4-5	305	22,536	3 6	812
Earl E Krone					
Lori	10-7	305	18,637	3.8	717
Richard G. Smith					
4	6-2	305	21,509	4.3	926
19	5-0	276	18,086	3.9	700
37	5-3	305	17,842	3 8	671
Clarence S. Martin					
100	9-6	305	21,594	3.6	769
29	4-1	305	24,937	2.8	703
Wayne L. Stephens					
Kendra	3-11	305	21,867	3.1	683
M. W. Smith Farms					
Polly	3-0	290	21,063	3.1	656
James F. Bolze					
11	6-3	293	15,582	4.3	667
Ed & Wilma McMillen					
Eva	4-4	293	18,589	3.7	688
John L. King					
Rosie		305	23,008	3.4	783
Dale Smoker					
71	11-2	305	24,327	3.3	803
Philip E. Brubaker					
20	9-3	305	20,197	3 5	703
Edwin L. Sheibley					
Goofy	5-2	290	21,530	3.6	769
Clem	5-3	305	21,629	4.1	892
Lester & Hazel Fleisher					
Jody	5-1	305	18,832	3.5	658
Dobbs Brothers					
Sue	0-0	285	20,329	3 6	732
Mindy	3-2	305	17,164	4.2	714
Arthur E. Dum, Jr.					
Holly	3-9	305	21,558	3.7	789
Mitzi	3-6	305	23,285	3.6	831
Cedar Lane Farm					
70	4-3	281	18,218	3.8	687
San-Rae Farms					
Lois	7-4	277	18,213	3.7	677
Jade		297	13,505	4.9	660
R Jack Crozier					
Flo	7-0	305	19,309	3.8	731
Belle	8-11	305	15,986	4.6	742
Elaine	7-5	305	23,801	3.9	921
Newly	4-11	305	16,755	4.6	769
Kate	6-10	305	19,283	4.4	856
Wilma	2-11	305	20.188	3.8	761
J. Ted Troutman Sons					
4	3-2	305	19,827	3.3	663
19	2-2	300	16,095	4.1	661
R. Robert & Bernice Gabel					
Nanny	7-10	305	23,784	3.5	821
Josie	6-3	305	18,977	3.9	743

Montgomery County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

November 1982

Owner	BRD	COWS	% DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
J Harold Keener	B3	47.0	91.0	51.6	3.9	2 0
Harold K Halteman	B3	63.3	89.0	49.9	3.7	1.8
David P Longacre	B8	97.1	88.1	48.8	3.8	1.8
Alvin D Delp & Son	B3	47 5	94.9	49.7	3.6	1 8
Fred Seipt Family	3	111.8	82.4	44.2	4.0	1.7
Du Mar Farm	B3	59.5	81.7	48.8	3.5	1 7

OWNER NAME OR NUMBER	BRD	AGE	DAYS IN MILK	LBS. MILK	LBS. FAT
Cows finishing with 750 pounds of butterfat or more:					
Merrymead Farm					
61	H	3-4	305	20901	849
Thomas Nikerle					
Esther	H	6-9	305	17090	800
Alvin D. Delp & Son					
Molly	H	5-3	305	20750	939
Correctional Industries					
088	H	5-5	305	21179	805
E Jay Renninger					
126A	H	8-4	305	24718	908
159	H	8-3	305	21805	769
65B	H	5-3	305	26018	987
60D	H	4-11	305	19287	810
69B	H	4-3	305	24594	942
4D	H	4-2	305	20935	815
114C	H	3-4	305	17893	766
Robert L Freed, Sr.					
Mary	H	6-11	305	19776	750
Harold K Halteman					
Rosanna	H	3-4	305	22966	839
Fred Seipt Family					
Gwen	H	7-5	305	16334	954
Clyde Masemore					
48B	H	6 6	305	19695	782
David P Longacre					
Tania	H	4-0	305	21365	789
Bell	H	3-3	305	20836	777
Paul W Weaver & Sons					
253	H	6-2	305	27252	1038
Robert A Hewitt					
49	H	6-11	305	24621	893
104	H	3-3	299	19108	769

See your nearest

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B.H.M. Farm Equipment, Inc.
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717-867-2211

Belleville, Pa.
Ivan J. Zook Farm Equipment
Belleville, Pa.
717-935-2948

Carlisle, PA
Paul Shovers, Inc.
35 East Willow Street
717-243-2686

Chambersburg, PA
Clugston Implement, Inc.
R.D. 1
717-263-4103

Davidsburg, PA
George N. Gross, Inc.
R.D. 2, Dover, PA
717-292-1673

Elizabethtown, PA
Messick Farm Equipment, Inc.
Rt. 283 - Rheem's Exit
717-367-1319

Gettysburg, PA
Yingling Implements
R.D. 9
717-359-4848

Greencastle, PA
Meyers Implement's Inc.
400 N. Antrim Way
P.O. Box 97
717-597-2176

Halifax, PA
Sweigard Bros
R.D. 3, Box 13
717-896-3414

Hamburg, PA
Shartlesville Farm Service
R.D. 1, Box 170
215-488-1025

Honey Brook, PA
Dependable Motor Co.
East Main Street
215-273-3131
215-273-3737

Honey Grove, PA
Norman D. Clark & Son, Inc.
Honey Grove, PA
717-734-3682

Hughesville, PA
Farnsworth Farm Supplies, Inc.
103 Cemetery Street
717-584-2106

Lancaster, PA
L H. Brubaker, Inc.
350 Strasburg Pike
717-397-5179

Lebanon, PA
Evergreen Tractor Co., Inc.
30 Evergreen Road
717-272-4641

Lititz, PA
Roy A. Brubaker
700 Woodcrest Av.
717-626-7766

Loysville, PA
Paul Shovers, Inc
Loysville, PA
717-789-3117

Lynnport, PA
Kermit K. Kistler, Inc.
Lynnport, PA
215 298-2011

Martinsburg, PA
Forshey's, Inc
110 Forshey St.
814 793-3791

Mill Hall, PA
Paul A. Dotterer
R.D. 1
717-726-3471

New Holland, PA
A.B.C. Groff, Inc.
110 South Railroad
717-354-4191

New Park, PA
M&R Equipment Inc.
P.O. Box 16
717-993-2511

Oley, PA
C.J. Wonsidler Bros.
R.D. 2
215-987-6257

Palm, PA
Wentz Farm Supplies, Inc.
Rt. 29
215-679-7164

Pitman, PA
Marlin W. Schreffler
Pitman, PA
717-648-1120

Pleasant Gap, PA
Brooks Ford Tractor
W. College Ave.
814-359-2751

Quarryville, PA
C.E. Wiley & Son, Inc.
101 South Lime Street
717-786-2895

Ringtown, PA
Ringtown Farm Equipment
Ringtown, PA
717-889-3184

Silverdale, PA
I.G. Sales
Box 149
215-257-5135

Tamaqua, PA
Charles S. Snyder, Inc
R.D. 3
717-386-5945

West Chester, PA
M.S. Yearsley & Son
114-116 East Market Street
215-696-2990

West Grove, PA
S.G. Lewis & Son, Inc.
R.D. 2, Box 66
215-869-2214

Churchville, MD
Walter G. Coale, Inc.
2849-53 Churchville Rd.
301-734-7722

Rising Sun, MD
Ag. Ind. Equipment Co., Inc.
1207 Telegraph Rd.
301-398-6132
301-658-5568
215-869-3542

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Frank Rymon & Sons
201 689 1464

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Owen Supply Co
Broad Street & East Avenue
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WAIVER OF INTEREST / CASH REBATE

HAY TOOLS: ATTRACTIVE WAIVER
FORAGE: DATES ARE AVAILABLE ON
COMBINES: ALL THESE PRODUCTS
PLUS CASH REBATES OF
$50 TO $5000

DISKS: ATTRACTIVE WAIVER
LOADERS: DATES ARE AVAILABLE ON
SPREADERS: ALL THESE PRODUCTS
GRINDER MIXERS: OR GET REBATES
WHEN YOU PAY CASH

- OR -

NO INTEREST:

TAKE 0% A.P.R. FOR 12 MONTHS

BULLETIN

BUY BEFORE DEC. 31 AND SAVE!

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2. HIGHER INVESTMENT TAX CREDIT FOR '82
3. HIGHER REBATES FROM SPERRY NEW HOLLAND - $25 to $1000 HIGHER

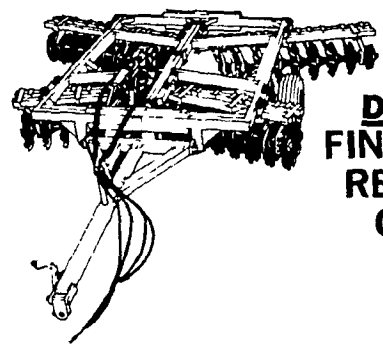
- OR -

LOW INTEREST:

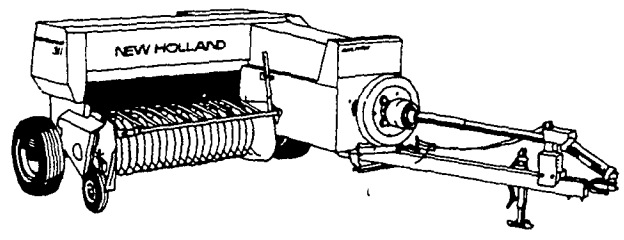
GET 5% A.P.R. For 24 MONTHS

SEE YOUR NEAREST SNH DEALER FOR ALL THE DETAILS ON THESE PROGRAMS

LOADERS: WAIVER OF FINANCE TO 4/1/83 WITH INTERIM PAYMENT OR REBATES FOR CASH OF $350 TO $500

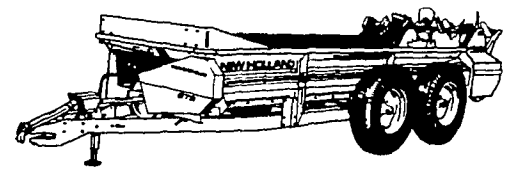


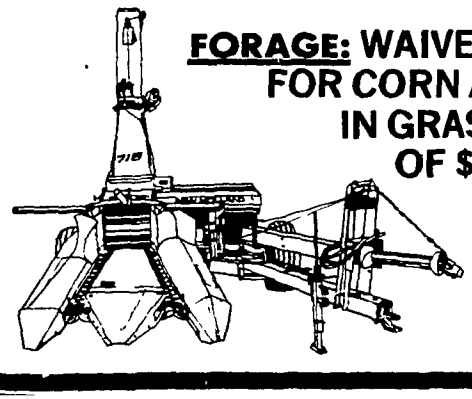
DISKS: WAIVER OF FINANCE TO 3/1/83 OR REBATES FOR CASH OF $250 TO $700



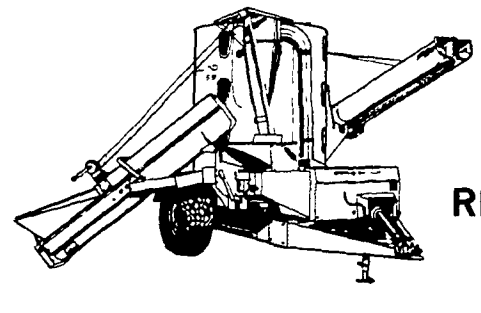
HAY TOOLS: WAIVER OF FINANCE TO 7/1/83 AND REBATES OF $50 TO $1400

COMBINES: WAIVER OF FINANCE TO 8/1/83 FOR GRAIN AND 10/1/83 FOR CORN AND REBATES OF $5000





FORAGE: WAIVER OF FINANCE TO 9/1/83 FOR CORN AND 6/1/83 FOR USE IN GRASS AND REBATES OF $200 TO $4200



SPREADERS / GRINDER-MIXERS: WAIVER OF FINANCE TO 4/1/83 OR REBATES OF 5% OF CASH PAID TO DEALER

The Milk Check

TOM JURCHAK
County Agent

Direct Payments

A few weeks ago, we talked about direct payments to farmers for reducing production rather than supporting prices by purchasing dairy products. It's an old idea that has been used in the price support program for grain and was suggested by Lorton Blair in Bradford County Pennsylvania back in 1979.

He suggested a voluntary program at that time when surpluses were just building to five percent. Now that they have exceeded ten percent, a mandatory program may be needed. This plan is similar to the cull cow program that some prefer but it puts the payment on the milk instead of the cows. This is not only more effective but it avoids trouble with the beef producers.

Another advantage of the system is that we stay away from quotas or bases that complicate the program. It would also be difficult to get administration approval for quotas especially if they can be bought or sold. Instead, we just play the incentive based on each farmer's production for the same month of the previous year and he collects his payment from the local Agricultural Stabilization and Conservation Service office every three months according to his production cuts.

We could continue the program until production was within three percent of the demand and then quit. We could even get the government out of the dairy price support business when we achieved that kind of balance, if you want to.

A Spade a Spade

There are other variations that could be part of the program such as adjusting the support price so it more accurately reflects market conditions. Right now the market prices for butter, powder and cheese are very close to the support prices for those products but the national average for manufacturing grade milk is 47 cents under the mandated $13.10 that it should be.

Last spring, the reason given was that milk was being produced so fast the farm price was falling below the support price. That's not the case now but the price still lags. It's important to all farmers because the manufacturing grade milk price is reflected in the Minnesota-Wisconsin Price Series which is used for the Basic Formula Price in federal milk marketing orders.

It determines the class prices for milk to regulated handlers. That's how the support price benefits are returned to most farmers and they aren't getting their share right now. Of course, adjusting the manufacturing grade milk price to the support level would add costs to the program that aren't wanted now but at least let's adjust the support pricing so it more accurately reflects the marketing conditions and call a spade instead of saying the support price is $13.10 when it isn't.

Finally

Another reason that direct payments might work is because it hasn't been suggested yet by any organization and it could provide a dark horse compromise for all. However, I also realize that county Extension agents shouldn't aspire to such lofty heights of national issues so it probably won't be taken seriously by anyone.

Bossie battles bureaucrats

Say, Bossie, did you make your New Year's resolution yet?

I did. I plan to squeeze a little harder and up my daily production to make up for that 50 cents less. I'm not going to let some bureaucrats down in Washington get ahead of a good Lancaster County Holstein.

(If you don't like this caption, provide your own for this Cow Candid taken on a county dairy farm.)

If you have fat cattle or need feeders . . .

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Daily Market Report - Phone: 717-354-7288
Abe Diffenbach, Manager
Field Representatives
Alan Diffenbach 717-656-9806
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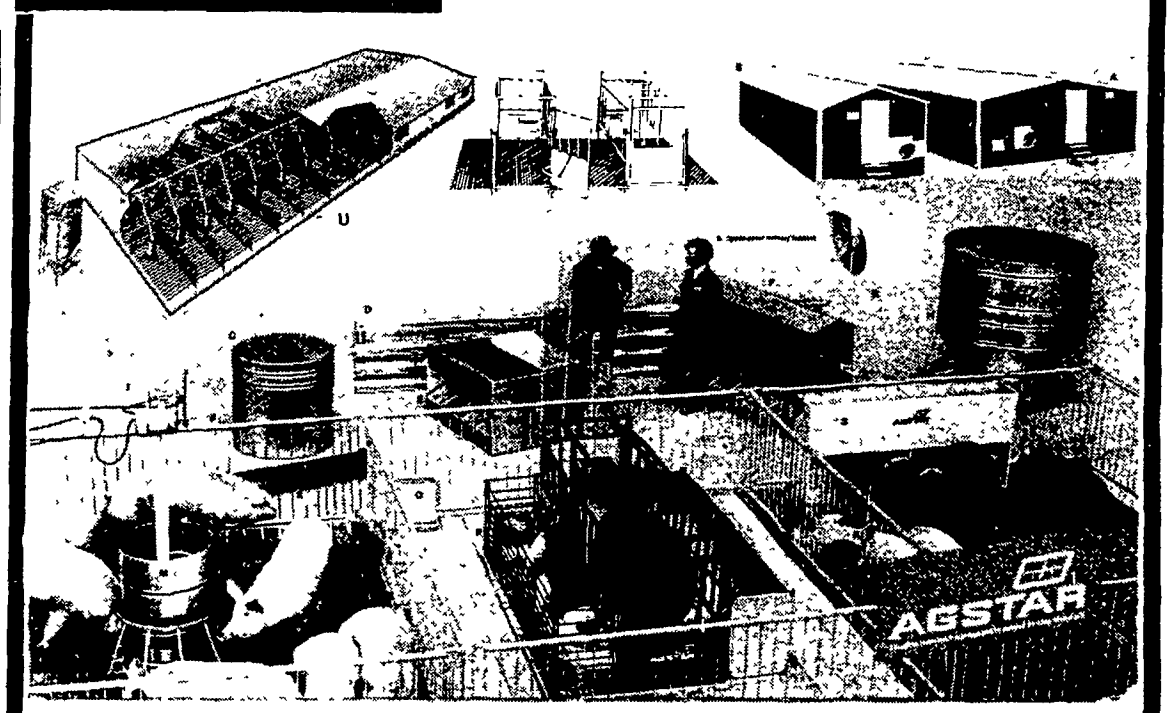

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Franklin County DHIA Monthly Report

dhia — Pennsylvania Dairy Herd Improvement Association

October 1982

Rolling herd averages above 650 pounds butterfat.

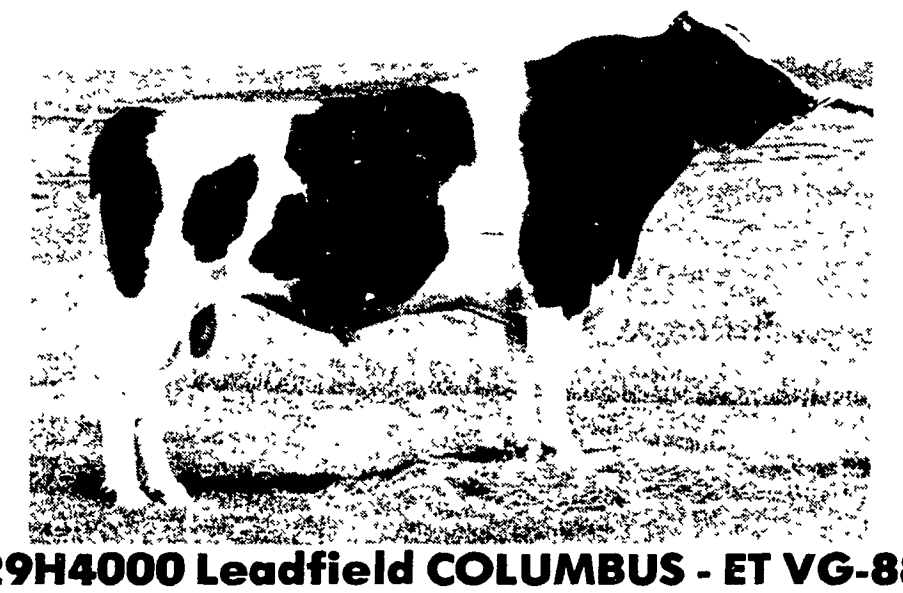
NAME	BRD	NO. COWS	% COW DAYS IN MILK	LBS. MILK	LBS. FAT
R V & S.V. Hollenshead	B3	32	20,835	778
Frank S. Heberlig	3	43	20,342	763
R V & S V. Hollenshead #2	B3	54	19,560	745
Oakleigh Farm	3	105	18,840	736
Dennis W Bricker	B3	35	19,264	707
Kenneth E Oliver	3	27	17,315	698
Carl O Stuff	B3	48	19,573	695
Lester & Alvin Meyers	3	54	18 498	689
Richard Harshman & Son	3	69	19,117	687
Clinton Stahl	B3	89	18,956	686
C. Richard Locke	B3	87	17,560	680
Elmer & Frank Ressler	3	35	17,633	679
Burk Lea Farms	3	129	19,890	678
R.C & C.B. Allison	B3	169	19,326	678
Wayne A Hall	3	35	18,577	678
J C Young Jr & Son	3	61	18,108	677
H Lester Oyler Est	3	69	18,079	676
Gaymere Farms	3	171	17,842	675
Keeners Dairy	B3	111	17,032	673
Donald L Brechbill	B3	30	18,396	673
Paul Cordell	B3	53	19,298	672
Robert E. Harwood	3	87	18,283	670
Norlo Farm	3	131	18,962	669
Ray Wingert	3	54	17,335	668
Harold Goshorn	B3	77	17,329	665
Lester D Fortna	3	40	17,887	664
Ray R. Kane	B3	29	16,749	664
Marv Adams & Son	3	45	18,022	659
Paul D Eckstine	3	44	17,703	659
George Skelly	3	70	18,439	658
Aldus Eby	B3	57	19,960	655
Marlin G. Bricker	3	83	16,961	655
Mark W Meyers	3	80	17,018	654
James-Nina Burdett	B3	52	17,584	653
Walter N Ocker	B3	38	16,731	650

The following cows have completed lactations of 850 pounds of butterfat or over

OWNER NAME OR NUMBER	BREED	AGE	DAYS IN MILK	LBS MILK	% FAT	LBS. FAT
Robert E Harwood 8	RH	6 2	305	27,585	4 0	1095
John C Mummau 42	RH	6 1	305	24,332	4 4	1060
Donald L Brechbill 41	GH	4 4	305	21,842	4 8	1056
Meyers Bros Dairy Fredie	RH	4 1	305	24 425	4 2	1027
Aldus Eby 3	RH	6 3	305	28 558	3 6	1018
Paul Cordell 27	GH	8 6	305	25,379	3 8	973
R C & C B Allison 201	GH	5 0	305	24,727	3 8	943
Cashell Farms 10	RH	6-5	305	22,989	4 1	942
Stone Hart Farm Candy	RH	4-9	305	24,260	3 9	937
Culbertson Green Farm 25	RH	6-10	305	21,031	4 4	933
James C Witter Patty	RH	7 4	305	21,039	4 4	931
A B Burkholder & Son 176	RH	6 0	305	23,291	4 0	929
Oakleigh Farm Joy	RH	4-11	305	27 486	3 4	925

(Turn to Page B26)

A MILLION DOLLAR HERITAGE



29H4000 Leadfield COLUMBUS - ET VG-88

USDA 7/82 PD TPI +704
Yield +2,717M -.16% +71F +$312 48% R
HFA 7/82 PDT +.91 52% R

1450228
Paclamar Bootmaker EX-94 GM
USDA PD +1263M +35F 99% Rpt. 1/82
+1.02PDT 99% Rpt. 7/79 HFA

Skyway Valla Vista Double EX-90 GM
Snowboots Wis Milky Way EX-97-3E GMD

8696068
Allendairy Glamourous Ivy EX-96-2E
4-06 2X 365d 24690M 4.4% 1077F
5-08 2X 365d 25290M 4.3% 1078F

Osborndale Ivanhoe EX-90 GM
Md-Maple-Lawn Marquis Glamour EX-96-3E
6-11 3X 305d 28270M 3.4% 952F
Sire: Romandale Reflection Marquis EX-95

COLUMBUS's Dam Allen Dairy Glamourous Ivy EX-96-2E recently sold at a dispersal in Wisconsin for $1,025,000.00. That's right, one million twenty five thousand dollars. The cow, Ivy, and her offspring that sold with her totaled nearly $2 million dollars in sales.

We at **American Breeders Service** are proud to be able to offer you a chance to add the blood of this now famous cow family to your herd, through Ivy's son Columbus. Not only is Columbus a member of a famous cow family, he is also the number one bull of the breed for PD $+312 and PDM +2717. Columbus is also plus .91 for PDT with the number 2 TPI of the breed at +704. Call your ABS Representative and ask for the million dollar heritage.

ABS AMERICAN BREEDERS SERVICE

Contact your local American Breeders Service Representative for semen or service.

ABS AMERICAN BREEDERS SERVICE

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Allenwood, PA	George Showers	717-538-1812
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Coburn, PA	Wendel Musser	814-349-5310
Columbia, PA	James Charles	717-898-8694
Dornsife, PA	Steve Kieffer	717-758-1714
Ephrata, PA	Darvin Yoder	717-733-0966
Holtwood, PA	Paul Herr	717-284-4592
Lebanon, PA	Paul Martin	717-949-2381
Leola, PA	Lynn Gardner	717-656-6700
Linden, PA	Larry Bower	717-323-9710
Mansfield, PA	Harold Robson, Jr.	717-662-7731
Mifflinburg, PA	John M. Beachy	717-966-1344
Mifflintown, PA	Mervin Zendt	717-436-6386
Millville, PA	Wilmer Hendricks	717-458-5949
Prospectville, PA	William Tyner	215-542-8479
Reading, PA	Robert Greider	215-378-1212
Reedsville, PA	Glenn Barr	717-667-2775
Stewartstown, PA	Tom Engle	717-993-6836
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Elmer, NJ	Cyndy Hetzell	609-455-8187
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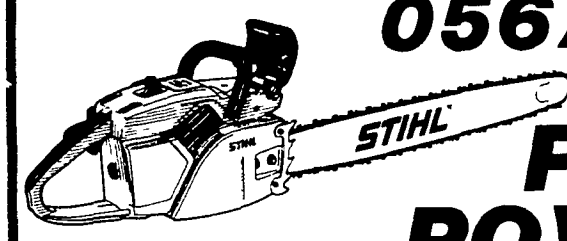

It's 16.8 pounds of muscle with absolutely no fat. And it rips through the heaviest timber without showing the least bit of fatigue. Test cut the new 056AVSE. You'll find a lot of strong reasons to put it to work.

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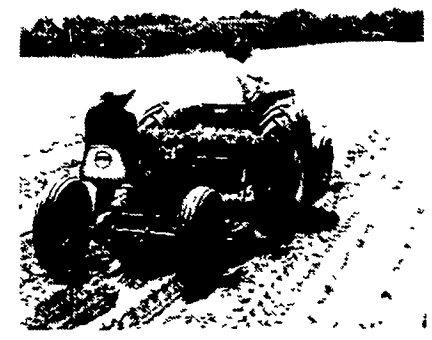

This ALL-NEW PRECISION MULCH PLANTER sets your Peat Pots — Jiffy 7's — Rooted Plants or similar transplants through plastic, paper mulch or bare ground more carefully than you can by hand and accurately spaces them too.

SPACING CHART:

6 Pockets — 10"	4 Pockets — 15"	2 Pockets — 30"
5 Pockets — 12"	3 Pockets — 20"	1 Pocket — 60"

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- The most fully adjustable and free floating mulch layer on the market. Side arms can float independently, but yet are tied together for added strength. The roll of mulch can also float with the contour of the ground.
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Ronks, Pa. 717-687-6712 Mon. - Fri. 8 to 5

Franklin Co. DHIA

(Continued from Page B25)

Richard Harshman & Son Melody	RH	4 1	300	21,475	4 3	922
Paul Cordell 9	GH	8 10	305	25,247	3 6	917
Donald L Brechbill 32	GH	9 3	305	25,306	3 6	915
Norlo Farm 82A	RH	5 2	305	24,812	3 7	913
Clinton Stahl 99	RH	5-2	305	24,844	3 7	912
Norlo Farm 30	RH	5-10	305	22,510	4 0	904
Rebeken Farm 98	RH	4 1	305	21,214	4 3	902
Dale Wadel Bossy	RH	4 1	305	21,312	4 2	900
R V & S V Hollenshead #2 23	GH	9 3	281	23,314	3 8	895
Carl E Pugh & Son Lunie H	RH	3 2	305	21,049	4 2	890
Cashell Farms 51	RH	5 1	305	20,620	4 3	886
C Glenn Daugherty Zozo	RH	9 1	305	20,418	4 3	885
Harold Goshorn 72	GH	10 6	305	23,588	3 8	885
Keeners Dairy 114	GH	5-5	305	22,232	4 0	883
A B Burkholder & Son 188	RH	4 0	305	23,488	3 8	882
Donald L Shetter, Sr 72	GH	3-4	272	18,106	4 8	877
R C & C B Allison 111	GH	10 2	305	22,940	3 8	875
Stephen L Martin Cher	RH	5 5	305	20,914	4 2	874
N F Rosenberry & Sons 217	GH	4 8	305	19,570	4 4	868
Stone Hart Farm Phoebe	GH	5 3	305	20,690	4 2	868
H C Gabler 1722	RH	9 3	305	21,642	4 0	868
Rebeken Farm 66	RH	4 3	305	22,023	3 9	867
Burk Lea Farms 163	RH	5 4	305	26,247	3 3	861
Dwaine & Bonni Brechbill 157	RH	3 9	305	24,026	3 6	861
Oakleigh Farm Pheibe	RH	4 5	305	19,523	4 4	859
Mervin & Rachel Frey Emma	GH	2 11	305	21,124	4 1	859
Frank S Heberlig 174	RH	4 1	305	23,130	3 7	854
Alfred W Zelger Carol	RH	5 6	305	21,310	4 0	852
R V & S V Hollenshead #2 42	GH	7 3	305	20,749	4 1	852
Robert E Harwood 262	RH	7 1	305	20,453	4 2	851
Aldus Eby 35	RH	6 3	305	23,993	3 5	851

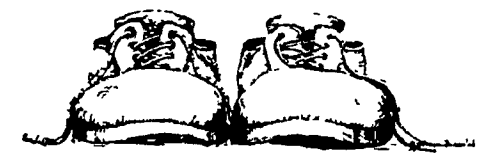
dhia
Pennsylvania Dairy Herd Improvement Association

Schuylkill County DHIA Monthly Report

OWNERS	NO. COWS	LBS. MILK	LBS. FAT
Miller & Rex	33 2	19004	776
Carl A Farms	61 0	19893	712
Brian Ruch	24 6	18180	707
Bruce Leatherman	74 9	18632	692
Paul & Ken Wagner	61 7	18228	681
Elam Z Stoltzfus,	41 0	18844	680
Heisler Brothers	67 0	17564	666
Wilbert Moyer	36 8	17157	655

Cows finishing with more than 750 pounds of buttertat

OWNER NAME or NUMBER	AGE	LBS. MILK	LBS. FAT
Miller & Rex, Inc Janis	4 2	23092	1018
Kathie K Rhein Gloria	6 /	26552	966
Miller & Rex, Inc Mollie	3-8	21789	955
Bruce Leatherman Barbie	5-8	21095	925
Miller & Rex, Inc , Karen	8 1	21714	895
Miller & Rex, Inc Snoball	3 0	23115	880
George Hinkle 26WC	7-5	22593	871
Carl A Farms Frenchi	6 9	27651	868
Paul Heisler Action	6-0	21014	861
William R Daubert Jolene	7 3	23492	854
Brian Ruch Clover	8-3	19020	841
Heisler Brothers Page	4-3	21354	833
Dawn F Rhein Vada	7-6	17975	829
Elam Z Stoltzfus Sally	4-2	22266	825
Marlin L. Lesher Marie	6-4	21980	820
Paul Heisler Bart	3-3	22184	815
Wilbert Moyer Lucy	6-4	19409	815
Raymond Reichwein Ginger	15-1	18495	815
Wilbert Moyer Pearl	6-2	20330	811
Martin L Daubert Olga	4-8	18751	777
Elam Z. Stoltzfus Annie	5-1	18430	768
Heisler Brothers Paulia	5-3	22522	767
William R Daubert Jolly	4-7	24584	763
Brian Ruch Eclipti	3 2	17213	762
Bruce Leatherman Angie	6 3	22324	761
Heisler Brothers Sue	4 4	19210	752
Paul & Ken Wagner Alicia	9 1	21433	751



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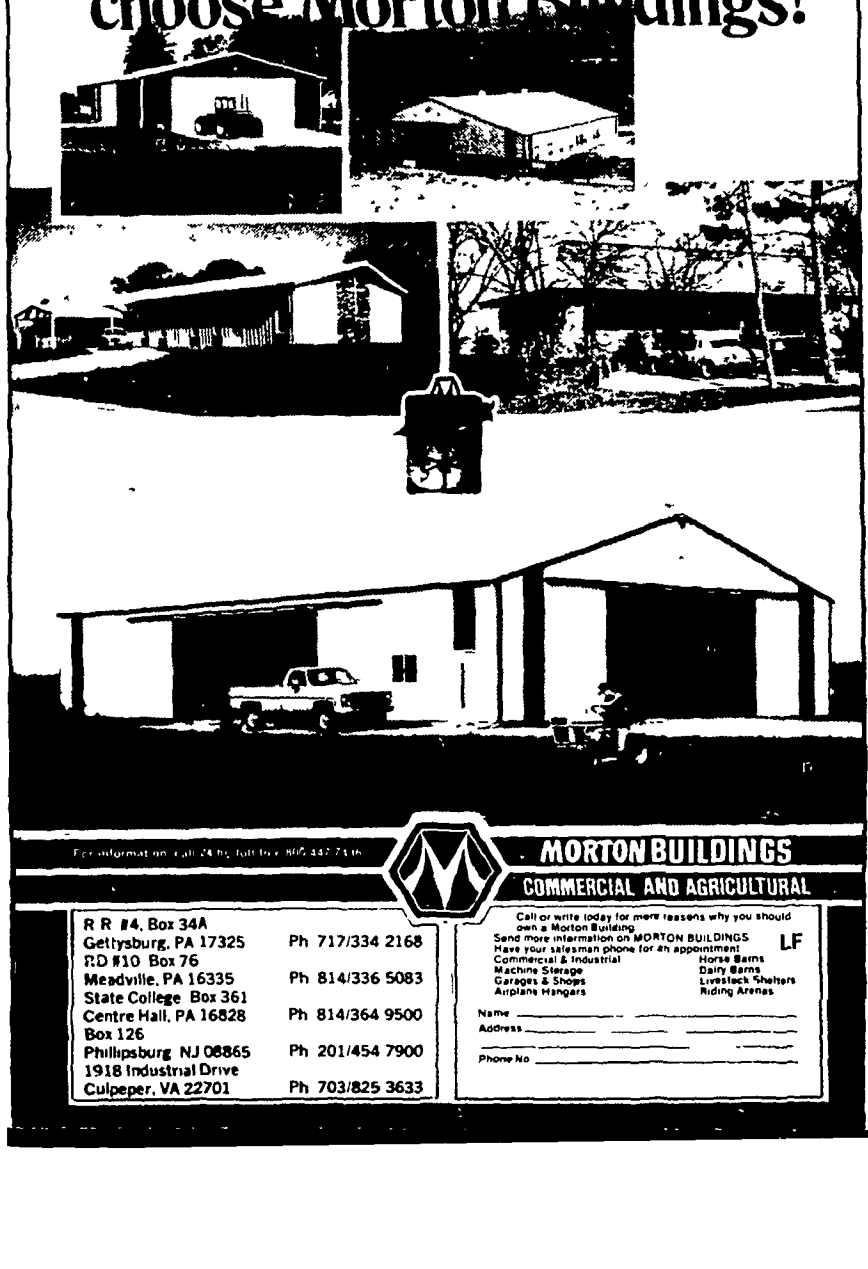

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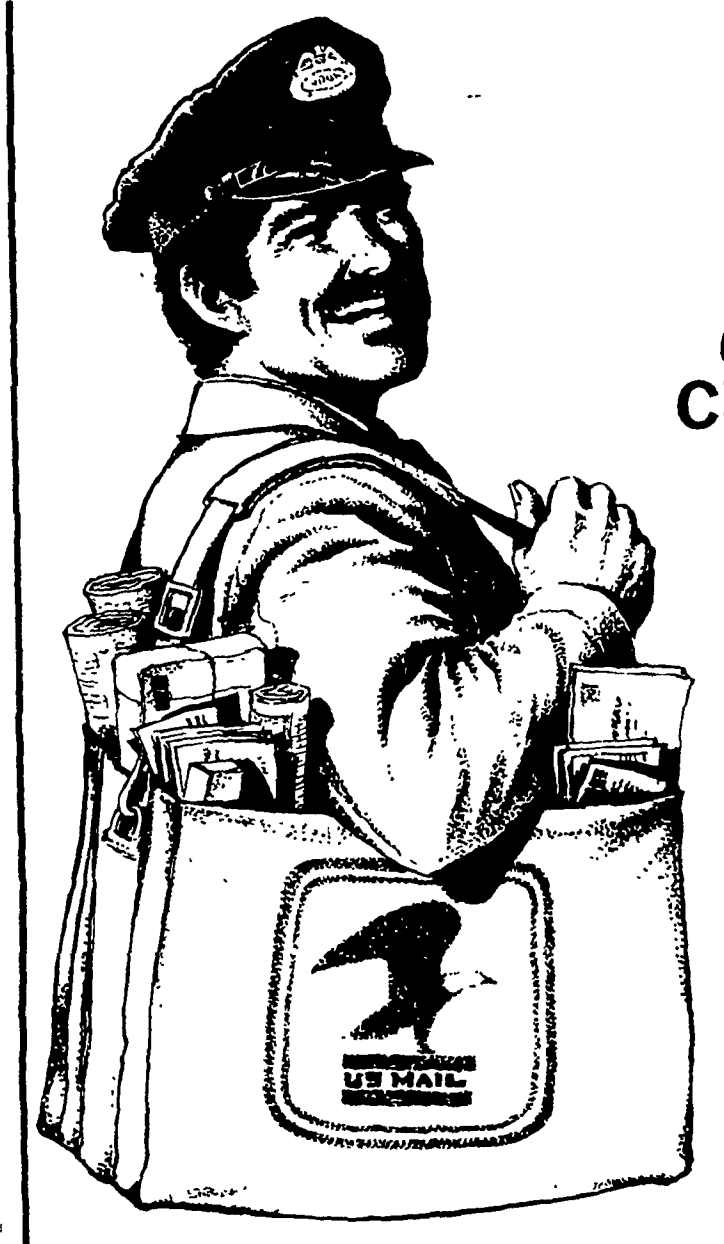

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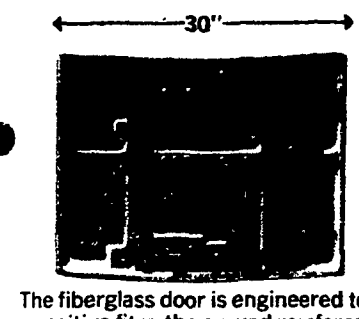
MADISON SILOS...

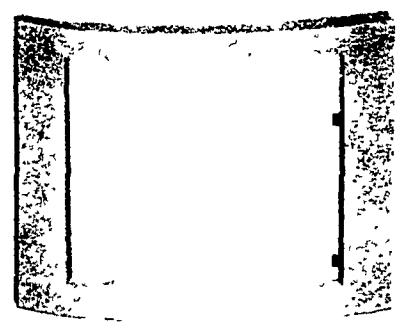
CHECK THESE IMPORTANT AND INNOVATIVE MADISON® BENEFITS

Madison's new fiberglass one-piece door assembly provides greater strength so your new silo doors will last longer and cause fewer problems. Because the fiberglass door is curved, your unloader will operate more freely and efficiently. Chipper wheels aren't obstructed as they are with the old fashioned flat wood doors.

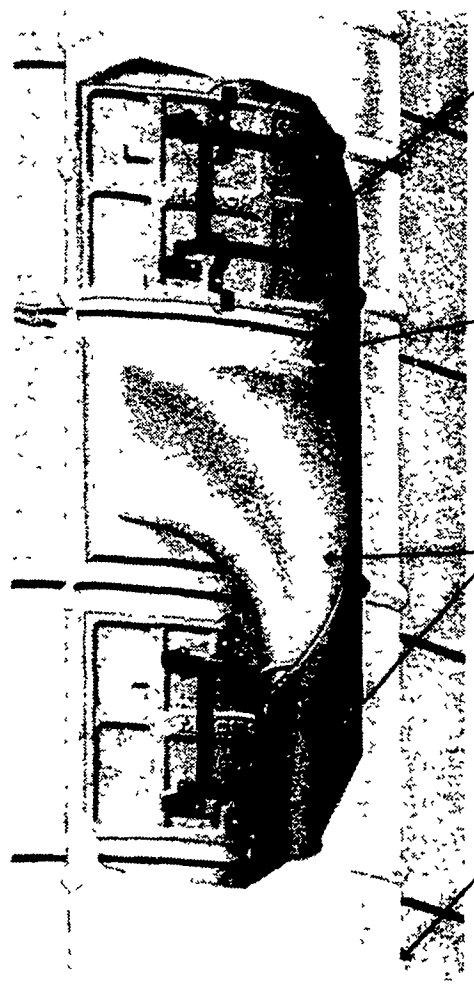
This exclusive new Madison door is nearly 1/3 square foot larger so access is easier, and changing the discharge chute can be accomplished more efficiently. You'll love it!



The fiberglass door is engineered to give a positive fit in the curved reinforced concrete door frame.



Order your new 1983 Madison Silo with curved one-piece fiberglass doors today.



New Fiberglass Door. No wood to dry out and rot away. No nails or staples to rust and break. Hinge and steps are welded heavy flat-stock, two locking handles, dip painted.

Madison curved door frames are molded concrete, steel rod reinforced, tamped and steam-cured to be extra strong.

Madison zipchute™ large 12" diameter chute. Large hood opening for unrestricted flow pattern. No attachment collar, transition conduit section to drop.

New 38" widebuilt inchute. Each section is built into the silo and overlapped. This reduces feed hang-ups and water leakage

Before you buy any silo, you owe it to yourself to investigate these and the many other Madison silo advantages.

From MADISON SILOS... More For Your Money Is Still Possible!

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It's milker school time for Lycoming Co.

MUNCY — So you think you know all there is to know about milking cows? The Penn State Cooperative Extension has scheduled another round of statewide milking schools, designed to teach you more.

"It doesn't make any difference how long you have been milking cows, you can benefit from this school," reports Lycoming County Agent William Messersmith.

Messersmith will join forces with veterinarians and other neighboring county agents on January 18 and 19, when Lycoming County hosts a two-day milking school. Slated to begin at 9:30 a.m. and end at 3 p.m., the curriculum will cover: development of the mammary gland; anatomy of the udder; how the milking machine works; physiology of milk secretion; evaluating milking systems; use of CMT test for mastitis; stray voltage; cleaning and maintenance of milking machines; mastitis and its control; and milking techniques.

In addition to the classroom, held in Muncy's Lycoming Mall, participants will visit a farm to witness demonstrations of selected procedures.

Enrollment fee is set at $15 per person, which includes all materials and coffee breaks for both days. The school can accept only 50 persons due to space limitations and deadline for registration is January 12.

For further information on registration or the school, contact William Messersmith at Room 406, County Courthouse, Williamsport, Pa. 17701 or call, 717-327-2350 or 717-546-2200, Ext. 2350.

Dairy farmers in other areas of the state should contact local county agents for details and times of other regional schools.

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JAMES E. NOLL GRAIN

Blair County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

October

The 20 high herds for the month of October are listed as follows

OWNER	NO. COWS	% DAYS IN MILK	LBS. MILK	LBS. FAT
James Smith	36 7	92.8	20,749	750
Dennis A. Smith	47 1	87.3	18,964	732
Dale W Hoover	37 1	86.6	19,332	729
Marcove Farm	68 1	85.2	18,579	721
Dawn Baker	104 0	88.3	18,828	718
Blackcrest Farms	66.8	89.8	19,013	714
Thomas W. Kelly	62.9	86.0	18,842	710
G W & R.G Baker	73.8	89.1	19,068	708
W. Dean Stern	66.8	91 6	19,079	699
Clover Will Farms	143.1	88.1	19,386	698
Revere Smith	48.4	87.0	18,176	693
Penn-England	84.6	85.0	17,268	692
Lar Ann Farm	111.1	85.5	18,110	687
Emile Dilling	93.3	84.7	17,904	684
Charles & Mike Hoover	91 2	87.3	19,243	683
Richard R Fox & Sons	42.2	88 5	17,727	682
Gerald Burket	99.2	86 0	18,764	681
Over Lane Farms	63 4	88.7	17,589	674
Raymond Diebold	35 9	89 7	18,636	672
William R England	152 8	88 9	17,498	670

Cows finishing above 750 pounds of fat

OWNER NAME OR NUMBER	BRD	AGE	LBS. MILK	% FAT	LBS. FAT
Burket Homestead Fm					
76	RH	6-10	19,112	4 0	763
87	RH	6-2	23,659	3 5	822
63	RH	5-0	23,988	3 4	827
Harold Guyer					
Y 47	GH	3 9	20,031	4 0	807
James Smith					
Judy	GH	3-1	21,462	3 6	762
Bobbi	GH	2-10	21,845	3 5	764
Mary Walters					
BBL0889	RH	4-11	20,103	4 1	824
Curryview Farms					
Jerrie	RH	6 10	21,714	3 6	787
Rich Lou Farms					
Lost	RH	12 5	20,030	3 8	757
Helen	RH	5 9	21,768	4 9	1072
Clover Will Farms					
335	GH	5 8	24,416	3 6	889
347	RH	5-6	22,808	4 4	994
23A	RH	5 3	21,430	3 9	841
48A	GH	4-10	21,310	4 1	872
12B	RH	3-11	23,844	3 4	801
25B	GH	3 9	23,567	3 3	773
Harold Yingling					
24Ambi	RH	8 0	20,359	3 8	772
33Berl	GH	5-8	21,355	3.8	815
Marcove Farm					
Janel	RH	7-8	27,757	3.7	1030
Tilly	RH	7-10	21,314	3.6	760
Irene	RH	7-0	22,552	3.9	887
Judy	RH	6-2	22,402	4.3	960
Isabell	RH	4-0	20,225	3.9	792
Sarann	RH	4-1	20,277	3.7	752
Bertha	RH	3-1	21,393	3.9	834
Burket Falls Farm					
501	RH	9-9	20,581	4.6	957
411	RH	5-2	18,999	4.2	790
Aster	RH	4-4	21,372	3.6	762
Rodney L. Metzler					
169	GH	7-3	20,472	4.2	857
105	GH	6-3	22,793	3 5	806
136	RH	5-8	24,990	4.2	1045
87	RH	5-5	20,480	4.0	814
Lar Ann Farm					
Clover	RH	6-2	23,025	3.6	819
Lolipop	RH	5-4	17,067	4.8	815
Nada	RH	3-6	19,080	4.1	790
Thomas W Kelly					
Burket	RH	5-7	23,067	3.3	752
Flora	RH	5-0	23,475	3.4	799
Beauty	RH	3-0	16,310	4.6	751
Julius Replogle					
Scum	RH	4-0	20,294	3.9	786
Extra	GH	3-11	21,537	3.6	776
Raymond Diebold					
Avis	RH	7-4	21,289	3.7	787
Frisky	RH	5-11	23,174	3.3	757
Cross Country Farms					
57	GH	6-9	22,958	3.6	819
76	GH	9-11	18,665	4.1	768
Sparkling Springs Fm					
157	GH	9-2	19,040	4.1	775
167	GH	9-2	20,511	3.7	762
291	GH	4-7	20,630	3.9	798
37	RH	0-0	19,229	3.9	750
Revere Smith					
Barb	GH	5-3	25,071	3.7	920
Pam	GH	4-1	22,194	3 7	811
Penn-England					
Kristy	RH	5-4	23,013	3.9	889
Garland	RH	4-2	19,314	3 9	755
Byron & Randy Huntsman					
46	GH	4-2	22,411	4.5	1015
Glen Albright					
377	GH	3-0	21,375	3 8	821
Clair S Hursh					
112	RH	4-7	20,117	3 8	771
James Seigrist					
22	RH	4-11	19,933	4 0	788
31	GH	3-11	21,716	3 7	800
Robert A. Good					
482	GH	8-2	20,330	3 9	790
Emile Dilling					
97	RH	6-3	20,711	4 0	828
150	RH	4-3	24,077	3 7	881
Dennis A. Smith					
Bell	RH	4-8	20,198	4 0	801
Fred Bechtel					
Hagen	RH	5 8	19,448	4 3	845
William & Larry Baker					
Kathy	GH	6-1	20,799	4 1	843
Blackcrest Farms					
60	RH	3-3	24,023	3 5	839
Sheldon Fleck					
Pammy	GH	4-6	19,732	3 9	764
Richard R Fox & Sons					
Dolly	RH	6-8	19,715	4 0	780
Whittie	GH	6-5	18,278	4 3	792
Audrie	RH	5 3	21,495	4 3	914
W. Dean Stern					
Y 74	GH	5-3	20,526	3 7	766
Jay Metzker					
7	GH	7-1	26,506	3.6	947
Sh ..y	GH	6-3	17,611	4.5	789
Maggie	RH	5-6	23,242	3.3	770
Kitty	GH	4-3	19,070	4.3	829
Margee	GH	3-8	22,335	3.4	753
William R. England					
53 B	RH	6-1	20,259	3.7	755
Gem	RH	5-0	21,792	3.9	840
Nanet	RH	3-8	20,547	4.1	849
Donald G Hoover					
26 RH	RH	8-6	19,294	4.0	770
Lena 33	RH	6-2	18,136	4.3	786
Eve	RH	6-5	20,758	4.3	890
Dawn Baker					
270	GH	6-3	20,423	4 1	841
391	GH	3-4	19,428	4.0	779
429	GH	2-7	20,570	3.7	757

Centre Co. DHIA Report

Pennsylvania Dairy Herd Improvement Association

November 1982

The high herd in the Centre County D.H.I.A. for November was Joseph Hartle, Jr., Bellefonte, R.D.4. The Hartle herd of 68 cows had a rolling herd average of 21,994 pounds of milk and 829 pounds butterfat with 88.7 percent days in milk.

Other high herds include:

OWNER	NO. COWS	% DAYS IN MILK	LBS. MILK	LBS. FAT
Valley Wide Farm	77	87.2	21,088	820
Richard & James Graham	100	89.0	23,624	810
Lynn & Margaret Neer	88	90.8	22,272	809
Jay Houser	54	90.0	22,220	808
Richard Trinca	45	86.9	20,973	796
L. Thomas Musser	46	87.3	18,876	773
James & Susan Howes	51	84.9	20,938	751
Evan & Ricky Homan	57	86.0	19,454	750
John Ishler	60	87.2	19,287	734
Stringers Sand Ridge	66	87.2	18,160	719
Jesse & Mary Burkholder	42	84.2	20,530	702

The 10 high individual cow actual production records in D.H.I.A. produced on a two times a day milking in 305 days or less were in the following herds:

OWNER	Average LBS. MILK	% FAT	AVERAGE LBS. FAT
Valley Wide Farm	25,639	4.9	1247
Valley Wide Farm	26,808	4 6	1234
Jerry Weight	30,305	3.6	1094
Joseph Hartle, Jr	25,871	4.2	1078
Valley Wide Farm	21,188	4.8	1007
Brodzina Brothers	19,795	4.8	960
Franklin Rossman	29,128	3.2	935
L. Thomas Musser	23,528	3.9	928
Valley Wide Farm	23,837	3.8	914
Michael D Barr	25,198	3.5	882

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- Financing Arranged
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PENNSYLVANIA LICA

Lycoming County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

October

Herds above 650 pounds butterfat.

NAME	BRD	NO. COWS	% COW DAYS IN MILK	LBS. MILK	LBS. FAT
Eugene W. Hall	R&GrH	66.4	88.5	19,827	786
Richard Barto	R&GrH	45.8	90.7	18,918	744
Marshall Bros. Herd #1	RH	112.8	88.1	17,437	730
Franklin J. Finck	RH	83.5	88.3	17,725	703
Lester M. Poust	R&GrH	58.2	86.9	17,815	702
John Snyder	R&GrH	44.0	86.9	17,871	697
Lost Brook Farm	R&GrH	70.0	88.9	17,997	679
Don & Scott Lepley	GrH	34.0	86 8	18,225	676
Samuel & Larry Fry	RH	121.0	87.9	17,719	671
Aaron Ritter	RH	40.4	87.5	17,398	668
Schon-Crest Farms	R&GrH	41.5	89.2	18,057	654
Dennis W. Eckert	R&GrH	39.8	82 6	17,688	652

Cows producing 750 pounds butterfat or more.

OWNER NAME OR NO.	AGE AT CALVING	LBS. MILK	LBS. FAT
Lycoming Co Inst Dist			
Lois	8-9	19,696	797
Samuel & Larry Fry			
Lolly	3-5	21,149	829
John Snyder			
Penny	10-10	21,389	1026
Libby	4-1	20,963	797
Rachel	3-11	19,313	819
J David Jarrett			
45	8-10	23,307	831
90	5-7	21,332	835
Robert Voneida			
Susan	6-1	19,124	800
Lester M Poust			
Diane	6-1	19,911	963
Don & Scott Lepley			
Nancy	5-4	20,916	751
John C Bower Jr			
Apple	5-6	16,832	750
Willard M Brelsford			
Kay	5-11	16,641	760
Richard Barto			
Evie	5-8	21,210	844
Cheryl	3-2	21,160	875
Steppe Brothers			
Juicy	6-5	22,840	778
Bea	3-3	20,090	794
Ritter-Ridge Farm			
Kate	3-4	22,995	802
F Edwin Kiess			
43	0-0	19,375	757
Eugene W Hall			
Pixie	5 11	28,614	1031
Nessa	4-5	24,282	843
12	3-11	22,044	923
Deb	3-8	19,302	855
Spic	3-8	25,711	860
Babe	3-3	19,850	831
Marlena	2-10	22,720	906
Marshall Bros Inc. #1			
R42	5-2	18,676	880
R4	4-8	20,609	1331
037	5-0	22,198	761
G4	3-9	18,429	826
G37	2-7	15,957	878
Dennis W Eckert			
Tina	6-6	20,433	800
Ideal	8-10	20,945	761
Joni	3-3	20,518	783
Richard J Daly			
16	4-8	23,754	877
14	5-0	22,141	983
9	4-8	22,656	848
Schon-Crest Farms			
Candy	8-7	21,545	775
Robert L Tome			
156	5-5	22,007	896
Lost Brook Farm			
39	8-4	28,886	1017
84	5-2	20,222	762
Mary Katzmaier			
38	7-6	21,686	808
Richard Mowery			
19GR	3-0	18,679	791
Benjamin E McCarty			
23	4-4	19,401	750
Charles & Debra Kiess			
28	4-8	18,626	775
Vollman Dairy Farm			
186	4-1	20,534	792
Franklin J Finck			
Bonnie	9-7	20,725	864
Stella	7-3	23,903	1067
Becky	6-5	22,188	924
Ginger	5-1	20,433	761
Suella	5-0	19,929	791
Bea	4 2	17,252	791
Star	4-0	20,416	801
Pearl	3-4	17,545	757

Juniata County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

The ten highest Rolling Herd Averages for the most recent 12 months of production are

OWNER	BRD	NO. COW	LBS. MILK	LBS. FAT
Harold B Shearer	39H	87 0	20,710	761
James C Graham	34H	85 2	19,289	752
Mark L Zook	50H	89 0	19,112	736
Freeburn & Norman Love	54H	86 5	18,498	725
Larry & David Noss	61H	85 4	18,897	724
John L Van Horn	40H	90 9	17,511	720
W. Harshbarger & Sons	39H	88 5	17,902	719
Charles Wochley	56H	89 7	17,975	705
R E. Shearer & Sons	57H	87 6	18,809	689
Rick & Ralph Saner	48H	85 8	18,128	683

The 15 high cows are listed below The owner's name and address, cow's name, pounds milk and pounds butterfat are given in order.

Larry & David Noss		
24	22,278	1,076
18A	23,502	926
50	22,173	853
Grand Hope FArm		
68	25,445	1,043
65	21,063	856
Glen B. Simonton		
235 Terr	23,446	968
176 Enny	23,773	880
362 Nana	21,712	849
Luther C Maben		
16	25,720	925
22	21,616	852
Ronald Mummah		
Lucky	18,281	868
S F Metz		
Portia	21,095	866
Betsy	24,430	848
Vivian	19,510	843
Marigold Knob Farm		
Prince	12,308	848

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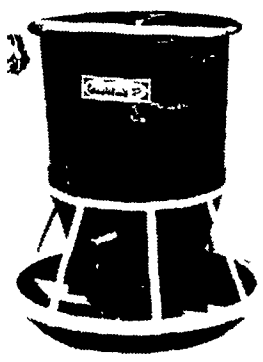

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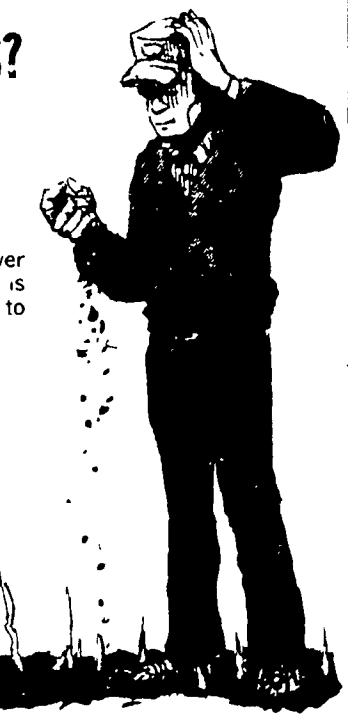

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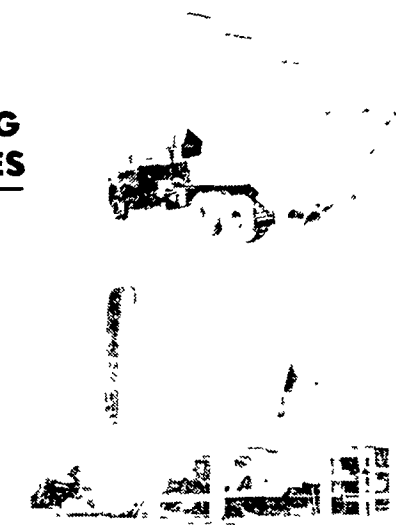

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Mifflin County DHIA Monthly Report

dhia — Pennsylvania Dairy Herd Improvement Association

October, 1982

Herd averages above 650 pounds fat.

NAME	BRD	NO. COWS	% COW DAYS IN MILK	LBS. MILK	LBS. FAT
P S&R G Yoder	Hol	78 2	89 0	19,182	747
E Clair Fisher	Hol	45 0	89.3	18,634	712
Charles F. Forgy	Hol	43.8	90.3	18,166	692
Robert Stayrook	Hol	27 4	89 2	18,316	692
James L. Hostetter	Hol	43.7	92.4	18,321	689
Mark S. Yoder	Hol	80.3	88 0	17,744	685
J. Loren Yoder	Hol	30 1	91.1	18,468	681
John Y Bawel	Hol	14 3	90 2	18,723	679
Merle E. Yoder	Hol	34.0	87.0	17,997	666
John A. Peachey	Hol	55 5	88.8	19,215	664
Frank J Hartzler	Hol	48 3	89.3	16,978	664
Bradstead Farm	Hol	35 7	91 4	17,449	656
L. S Peachey, Jr	Hol	52.1	86 9	16,630	656
Louis S. Yoder	Hol	47 5	88 6	17,900	656
Joshua D Yoder	Hol	51 3	87.0	17,496	653
Moses J. Zook	Hol	46 3	87 9	17,573	652
G. Sheldon Peachey	Hol	42 4	86 8	18,281	651
Paul H. Yoder	Hol	51 0	87.5	17,377	651

High cows and heifers 750 pounds and over

OWNER NAME OR NO.	BREED	AGE	LBS. MILK	LBS. FAT
Merle E. Yoder				
Sara	Hol	7-3	20,608	740
Irvin H. Fleming				
Rhajean	Hol	5-5	24,855	755
Sylvanua S Peachey				
Rhonda	Hol	8-1	25,166	914
Stubby	Hol	4-0	21,165	838
Posie	Hol	3-11	22,975	800
Aungst Farm				
#316	Hol	6-3	19,900	750
Leon K. Donahey				
Pepsi	Hol	6-4	25,847	826
Jesse S. Yoder				
Atalie	Hol	4-5	21,998	820
Leroy Kauffman				
Betty	Hol	6-11	25,210	1007
Josis	Hol	7-0	20,472	752
Bradstead Farm				
Edith	Hol	7-3	22,987	1010
Floyd J Yoder				
Betsy	Hol	3-9	21,598	848
Joshua D Yoder				
Beulah	Hol	9-5	22,585	859
Susie	Hol	5-4	23,797	828
Snoopy	Hol	4-1	20,091	816
Louis S Yoder				
Regina	Hol	5 5	20,266	875
H Robert Ricthey				
Butch	Hol	5 3	20,273	762
Linus E. Sharp				
#68	Hol	6-0	20,385	883
#323	Hol'	5-6	19,260	801
#328	Mix		18,168	763
Mark S. Yoder				
#454	Hol	4-3	21,529	856
#467	Hol	4-0	20,576	785
#470	Hol	4-0	23,701	798
#510	Hol	3-0	20,899	806
#511	Hol	3-1	18,225	810
Simon & Allen Peachy				
#53	Hol	4-0	23,676	834
John B. Peachey				
#140	Hol	3-3	21,453	827
E Clair Fisher				
Twila	Hol	5-9	20,826	767
Jewel	Hol	3-6	21,314	801
Candy	Hol	7-10	21,730	757
Louis S. Peachey, Jr				
#31	Hol	7-3	24,417	888
Ezra B. Kanagy				
Jewel	Hol	4-9	17,339	752
John A Yoder				
Mary	Hol	5 8	22,544	895
Charles F Forgy				
#47	Hol	9-3	20,912	757
#36	Hol	5-1	25,032	1068
#43	Hol	4-6	19,553	766
Robert Stayrook				
#21	Hol	6-9	20,959	759
#27	Hol	9-3	22,555	962
David W Yoder				
#14	Hol	5-2	25,859	805
Ellinger Brothers				
#110	Hol	7-4	19,374	778
Paul H. Yoder				
#677	Hol	7-5	22,020	792
J. D. Glick				
Ella	Hol	7-0	20,949	789
Marvin R Kanagy				
Pansey	Hol	7-10	20,732	768
Melba	Hol	7-4	25,082	839
J. Loren Yoder				
Roxie	Hol	9-3	20,544	770
Reb	Hol	6-0	26,522	1063
Wanda	Hol	4-0	20,376	859
Dixie	Hol	4-4	22,354	827
David T. Hostetler				
#41	Hol	4-5	24,115	914
James G. Laughlin				
Pabst 12	Hol	8-11	20,389	831
Vern-38	Hol	7-0	19,900	804
Jenny 25	Hol	3-3	20,142	787
Bill & Karol Wingert				
Luann	Hol	4-8	23,514	788
Dale Gearhart				
#27	Hol	5-2	19,804	788
Louie M Peight				
#472	Hol	3-10	20,262	833

Sulbra DHIA Monthly Report

dhia — Pennsylvania Dairy Herd Improvement Association

November, 1982

Rolling herd averages above 650 pounds:

OWNER	BRD	NO. COWS	DAYS IN MILK	LBS. MILK	LBS FA
Raymond Norconk	3	41.3	84.7	17797	691
W Hottenstein	3	50.5	84.6	18954	677
Dennis-Vickie Boyd	3	30.4	81.7	18689	670
Geo & Wm Lambert	3	110.8	90.9	18046	666
C E Arey & R Coombs	3	45.1	87.6	18095	651

Completed lactations of 750 pounds or more of butterfat:

OWNER NAME OR NO.	BRD	AGE		LBS. MILK	% FAT	LBS. FAT
C E Arey & R Coombs						
9061869 Lucy	3	6-3	305	23656	3.7	873
9580883 Tiny	3	4-5	305	19970	3.8	757
Earl & James Warburton						
23AXR2038 Marta	3	4-4	305	19527	4.3	833
Richard R Higley						
9174435 Maxine	3	5-9	305	18309	4.5	825
Geo & Wm Lambert						
23BWB1498 Lydia	3	4-1	305	21647	3.6	789
Dennis - Vickie Boyd						
9045242 Jenny	3	6-2	301	25193	3.1	787

McKEAN COUNTY DHIA
NOVEMBER 1982

Rolling herd average above 600 of Fat to November include:

NAME	NO. COWS	LBS. MILK	LBS. FAT
Orton Kinney	28	16548	636
John H. Lapp	38	16151	613
Charles Irons	82	15372	600
Thomas Spees	34	15797	574
Ronald Worden	27	15758	566
Ray Dillenbeck	32	14707	563

Cows finishing above 750 pounds butterfat:

OWNER NAME OR NO.	BRD		LBS. MILK	% FAT	LBS. FAT
Charles Irons					
Paulpun	4	305	18038	4.5	819
Ray Dillenbeck					
Darla	7	305	19607	4.0	788
Port Allegany					
Tanya	6	291	21291	3.8	818
Thomas Spees					
Edna	7	305	22138	3.4	763
Orton Kinney					
Teri	7	305	20700	4.1	842

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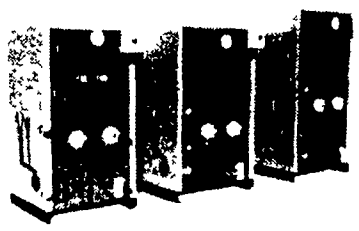

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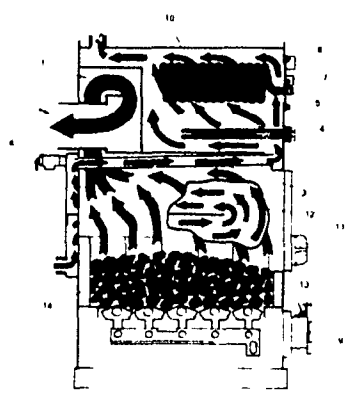

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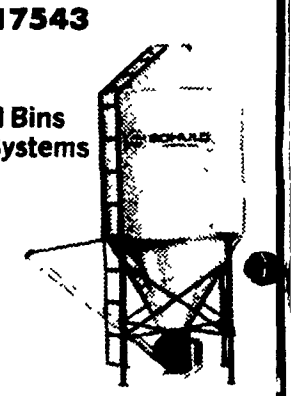

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Brockett's Ag Advice

By John E. Brockett
Farm Management Agent
Lewistown Extension Office

Financial Management

We're coming into a new year. Why not decide to learn something about financial management? There will be a number of two-day financial management clinics throughout the state in 1983.

In my central Pennsylvania territory of 10 counties, we will hold 5 meetings. We have been holding these types of clinics for more than 15 years in my area, but for some areas of the state these meetings will be new.

It is usually ironic that those who need the help the most are least apt to attend such clinics. Then they cry for help after they are in trouble — which may be too late.

Clinics

The clinics in my area will include:

- Workshops on debt repayment capacity, cash flow records, and filling out a balance sheet.
- Panel discussions on records, business analysis, and the needs of a lender.
- Discussions on: the value of a cash flow and its problems; how to borrow safely; understanding how to use a farm analysis; and how to cope with stress.

We will have ample time in the two days for questions from the audience. Those who attend should expect to work, participate, be involved, and learn. If you have any questions or would like to know where the closest clinic is being held, call your county agent.

Farm Analysis

In 26 years of Extension work, I have never found a farmer who has used farm analysis to fall into serious financial trouble. I don't know whether this is because only better financial managers use farm analysis, or whether the use of farm analysis makes better financial managers.

I have had several farmers who were already in financial trouble who used farm analysis. In some cases, if they were not in too deep, the analysis was used to point the way out. In other cases, the farmer was able to see the seriousness of the problem through the analysis before the creditors closed in.

A farm analysis can be a powerful teaching tool if a farm manager is really interested in learning about financial management. It is not the only tool or the only way to learn financial management. In fact some people have an inborn instinct towards money management.

For those without the inborn instinct, financial management can be learned if you want to learn it bad enough. Anyone who wishes to succeed in a farm business had better put this desire at the top of their list.

Penn State has champ carcasses

John H. Ziegler, Penn State Professor of Meat Science, is shown with the Champion and Reserve Champion barrow carcasses from the 1982 Keystone International Livestock Exposition. Out of 236 barrows entered and processed, the Penn State entries 32 and 18 were meatier than all others. This was the 26th Exposition and the first time that both champions were shown by the same exhibitor.

Limousin breeders ready for Nat'l Western

DENVER, Co. — The 1982 National Western Stock Show has been billed as 'The Best Ever Denver - Edition II.' Limousin activities will kick off with the National Sale Show on Wednesday, Jan. 12.

Wayne Haygood, Canadian, Texas, will judge the 90-head show, beginning at 8 a.m. Wednesday, and the cattle will be sold at the National Limousin Sale at 9 a.m. Thursday.

Wednesday's sale show will be followed by a Limouselle meeting at 12:30 p.m. at the Regency, and an open board meeting and the annual member meeting at 2:30 p.m. at the National Western. Committee meetings open to Limousin breeders and interested cattlemen will be held on Tuesday, Jan. 11, beginning at 10 a.m.

Rounding out Wednesday's agenda, a banquet and dance are scheduled for 6:30 p.m. at the Regency. The evening will feature the crowning of the 1963 National Limousin Queen.

The Limouselle's Third Western Style Show will be held at 4 p.m. on Thursday, Jan. 13, followed by the Limousin Junior Heifer Show at 6 p.m. Dan Gee, South Dakota State University, will judge the 53-head heifer show.

Activities for Friday, Jan. 14 will begin at 8 a.m. with the Limousin Open Show. Unlike the National Sale Show, the open contest allows exhibitors to show cattle that are not required to sell. There are 288 entries in the 1983 open show, which will be judged by Randall Grooms of Overton, Texas. A limouselle color seminar also is scheduled for Friday at 2 p.m. at the Regency.

The stockyards will be the center of attention on Saturday, Jan. 15, as Limousin enthusiasts gather at 8 a.m. to watch the Limousin Bull and Carload Show, which offers some of the toughest competition found in Denver. Wayne Haygood and Dave Hawkins, Michigan State University, will judge the 38 pens and two carloads of bulls.

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Md. reports record crop inventory value helps farm income figures

COLLEGE PARK, Md. — By some statistical yardsticks, Maryland Farmers have had good years in both 1981 and 1982. However, only non-money income prevented many of them from showing a net loss for 1981.

And this situation appears likely to be repeated during 1982, says Robert J. Beiter, an Extension outlook specialist in agricultural and resource economics at the University of Maryland in College Park.

Beiter reports that cash receipts for farm marketing in Maryland reached a record high in 1981, with the state's farmers receiving more than $1 billion for farm products sold.

Recent figures from the U.S. Department of Agriculture's Agricultural Research Service show cash receipts of $1.0163 billion from the sale of Maryland farm products in 1981. This was an increase of $131.2 million over the $930.1 million value for Maryland farm products sold in 1980, or a boost of more than 12 percent.

Maryland's total gross farm income in 1981 was $1.2398 billion. This included the cash receipts from farm marketing — $1.0613 billion; government payments — $3 million; non-money income — $159.9 million; and other farm income — $15.6 million.

Total farm production expenses in Maryland also reached a new high in 1981 of $1.0807 billion. This exceeded the totals of cash income from farm marketings, government payments and other farm income.

A tremendous increase in the value of year-end farm inventories makes it appear that total net farm income for Maryland farmers nearly doubled from 1980 to 1981 — increasing by more than 91 percent.

The increase in Maryland farm inventories was valued at $59.4 million at the end of 1981. The comparable year-end value for 1980 was minus $14.9 million. This provided a total increase of $74.3 million in farm inventory values from one year to the next.

Large on-farm stocks of corn and tobacco appear to be major contributors to the record jump in farm inventory values, reports M. Bruce West, state statistician for the federal-state Crop Reporting Service in Maryland.

The USDA statistics for tobacco appear reasonable to knowledgeable observors, since the big crop on hand at the end of 1981 was valued on the basis of favorable prices paid during the auction season earlier in the year for a big 1980 crop. These favorable prices, incidentally, were also paid for the bulk of the 1981 crop during this year's tobacco auction season.

But, it appears that depressed prices of corn during 1981 should have given a total inventory value which was slightly lower than the previous year, even though the stocks of corn on Maryland farms were significantly higher.

However, a USDA statistician points out that only 63 percent of the Maryland corn crop was sold during 1981. This compares with 82 percent of the crop being sold in 1980.

Sales during 1982 have been sluggish, too, because of continued unfavorable market prices. So it is clear there is a lot of unsold corn in storage, both in Maryland and throughout most of the nation.

A look at the USDA statistics indicates that the change in value of Maryland farm inventories between 1980 and 1981 is the largest year-to-year increase since this type of record-keeping was begun in 1949. And the Maryland situation is not unique. Several other states show even greater increases.

All of this has prompted serious questions regarding the pricing system used by USDA statisticians to arrive at preliminary inventory values for the most recent year in an historical sequence.

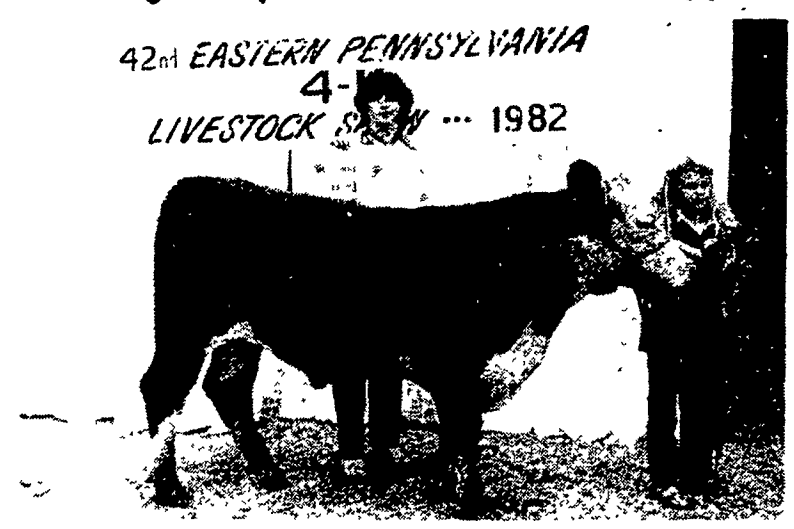
To help solve the problem, they are reportedly now embarking on a system of using three-year price averages, rather than an average price for only the current-year values of farm marketings and inventories.

Bovine practitioners meet

NASHVILLE, Tn. — Dr. Mark B. Guise of Harrisburg attended the annual conference of the American Association of Bovine Practitioners in Nashville, Tennessee, last month.

Internationally renowned speakers presented the latest information on maintaining the health of cattle herds.

Montgomery Co. to hold beef supper



Bridget Young, Schwenksville, stands with the prize steer she raised from a calf. The steer was recently purchased for the annual Montgomery County 4-H Roast Beef Supper, to be held Saturday, Jan. 29 at North Penn High School in Lansdale. With Bridget is Debbie Martin of Hatfield, chairman of the supper.

Soybean seed innoculation not always beneficial

ANAHEIM, Calif. — Farmers who inoculate seeds with nitrogen-fixing bacteria may not see yields increased if they plant on old soybean fields, a U.S. Department of Agriculture scientist has announced.

Mary Frances Sawyer, an agronomist with USDA's Agricultural Research Service, said that "old soybean fields contain inefficient strains of bacteria, and it is extremely difficult to overcome soil bacteria competitiveness on soybean roots."

"However, soybean seeds inoculated with the nitrogen-fixing soil bacteria Rhizobium japonicum and planted where soybeans have not been recently cultivated produce increased yields," she said.

Sawyer said "on new soybean land, the seeds definitely should be inoculated with bacteria before planting."

Her greenhouse study, done at ARS's Soil and Water research Unit as a cooperative effort with Auburn University, used three different soil types to determine the bacteria incoulum rates required to compete with indigenous soil bacteria. From her findings, it appears that numbers of up to 1,000 times the soil bacteria population must be applied if introduced strains are to compete with indigenous strains for root infection sites.

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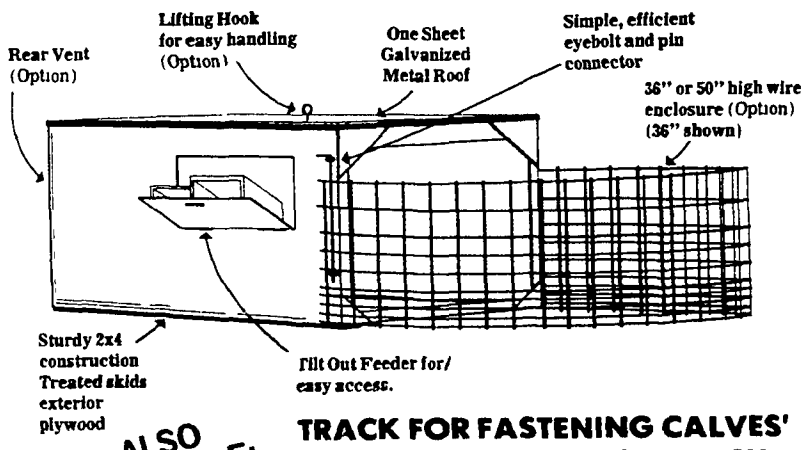
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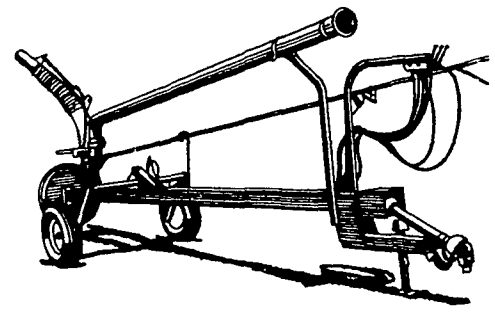

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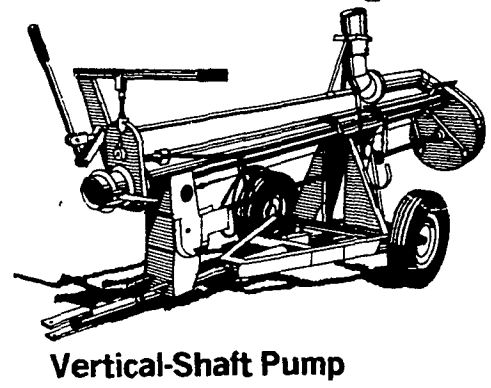

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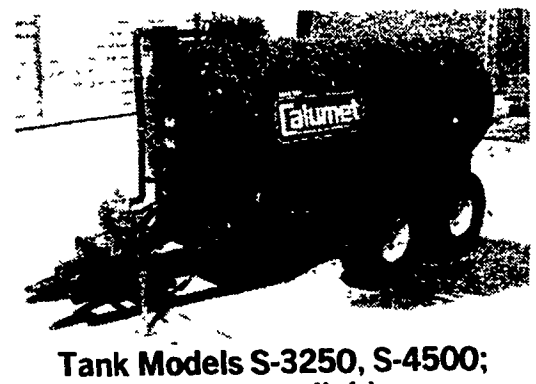

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U.S. beef: pricing itself out of Mideast Markets

WASHINGTON, D.C. — While the growing global appetite for beef is creating thriving import markets, American producers are missing the boat because their top-grade, feedlot-finished meat is too expensive.

USDA estimates that 3.3 million metric tons of beef were imported throughout the world in 1981. A decade earlier, world beef trade was only 2.3 million tons.

Much of that growth in world demand comes from developing nations where per capita incomes have risen along with newly acquired oil wealth or industrial expansion. People in these nations usually want to translate income gains into an improved diet.

The Mideast-North Africa region is a prime example of how beef demand has surged in the "Third World," according to economist John Parker of USDA's Economic Research Service. In 1975, the area imported 90,400 metric tons, or only 4 percent of world beef trade. Imports rose to 472,000 metric tons last year, and they are expected to exceed 600,000 metric tons this year — about 17 percent of world beef trade.

"The people expect to see some benefits from oil revenues," Parker says. "Enabling them to buy foods that they've never before been able to afford, such as meats, is an important way that these governments have shared oil revenues with their people."

Leading the expansion in Mideast-North African beef puchases is Egypt, whose imports grew from 17,600 metric tons in 1975 to a projected 175,000 metric tons this year. This would make Egypt the seventh largest importer behind the United States, Italy, France, the Soviet Union, the United Kingdom, and West Germany.

Disappointing Share

The U.S. beef industry might be expected to cash in on these fast-developing markets, but American beef is making only small gains.

"Most of the Mideast demand is for lower priced, low or medium quality beef," Parker says. Mideast governments are far more concerned with the nutritional value of beef than with its taste and texture.

U.S. producers finish most of their beef cattle in feedlots to achieve the high quality cuts that Americans demand. While taste and texture of feedlot-finished beef are far better, it cost about $5,000 a ton delivered to Cairo, compared with $1,900 a ton for Argentine beef last year.

"U.S. beef is a specialty product in the Middle East. It's sold in restaurants and hotels that cater to foreigners, particularly to Americans," Parker says.

"The beef that the Mideast people eat comes mostly from Argentina, Uruguay, Australia, Latin America, and the European Community," he adds, noting that many of these governments provide export subsidies to encourage sales, further undercutting high-priced U.S. beef exports.

Even so, Parker notes that U.S. beef exports increased 21 percent in value to $300 million in 1981, and our beef exports to Saudi Arabia nearly doubled in value, rising to $24 million."

Cultural Appetites

Despite the gains in Mideast beef imports, Mideastern people consumed only about 22 pounds of beef per capita last year, compared with about 80 pounds per American. While there may be considerable room for more beef in Mideast diets meat consumption is also affected by historic cultural differences.

Beef is a traditonal staple in North Africa, but mutton and lamb are preferred in the Mideast east of Suez.

These differences are reflected in beef imports. Egypt, which even in Biblical accounts took a dim view of sheep-raising cultures, imported more than 122,500 metric tons of beef and only 9,000 metric tons of mutton and lamb last year. On the other hand, Saudi Arabia imported 32,000 metric tons of lamb and mutton, 6 million sheep, and 46,000 metric tons of beef.

However, beef has an advantage over mutton and poultry that makes it attractive for customers in many developing nations, Parker says. Refrigeration is rare in delivery trucks in some countries, so meats often spoil en route from storage to the store.

A frozen side of beef, by virtue of its size, is far less likely to thaw and spoil than frozen chicken or mutton — the two major competing meats in the region. Pork is in little demand in Islamic countries due to religious restrictions.

Whatever the opportunities and obstacles for further expansion of Mideast beef markets, lack of foreign demand for U.S. beef is beside the point in one sense. America, the world's largest beef producer, is also the world's largest beef importer.

In fact, the United States imported an additional 1.3 billion pounds in 1981, mostly lower-grade beef for hamburgers and for processing into canned or frozen products. Australia, New Zealand, Argentina, and Canada provided most of our beef imports — valued at $1.4 billion last year.

Even so, stronger export markets could offer U.S. beef producers a means of supporting prices when the beef cycle is near its peak of output. On the other hand, the growing international demand could also drive up prices for the beef America imports.

Mink, muskrat season open

HARRISBURG — The 1982-83 trapping season for mink and muskrat opened Sunday and continues until noon Sunday, Jan. 9.

Because of increasing pressure on furbearers, mainly due to pelt prices, loss of habitat and declining populations, the Game Commission has gone to a shorter, later mink and muskrat season this year.

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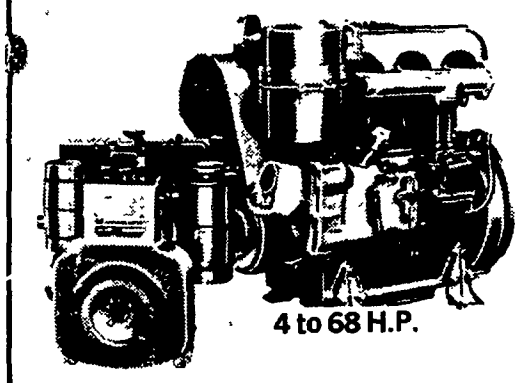

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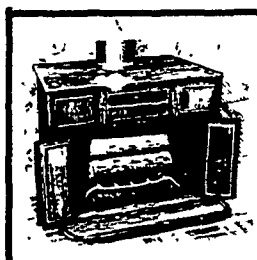

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Penn State's Erskine Cash on Simmental slate

BOZEMAN, Mt. — Two outstanding scientists and three highly respected cattle breeders will address the techniques of merchandising beef cattle performance during the American Simmental Association's 15th Annual Meeting and Convention, scheduled for Feb. 3-4 at Fort Worth, Texas.

A. L. "Ike" Eller of Virginia Polytechnic Institute of Blacksburg, Virginia, will open the Educational Forum on Friday afternoon, Feb. 4 with a thought-provoking discussion entitled "Purebred Breeder = Performance Breeder?" Eller's talk will receive a panel response from Ancel Armstrong of New Breeds Industries, Manhattan, Kansas, a former president of the American Simmental Association; and from Henry Gardiner of Ashland, Kansas, who is a member of the American Angus Association board of directors.

Erskine Cash of Penn State and J. David Nichols, Anita, Iowa, a Simmental, Angus, and Polled Hereford producer will offer insight on "Merchandising Performance." A question and answer session will follow the conclusion of the formal presentations.

"We feel that we have put together an outstanding educational program," said ASA Executive Vice President Earl B. Peterson. "It is not often that we are able to assemble a panel of men with such a wealth of knowledge and expertise."

Erskine Cash

A.L. "Ike" Eller

In addition to the educational portion of the program, two other prominent speakers will appear on the ASA Convention agenda. President-elect W. J. "Dub" Waldrip of the National Cattlemen's Association will address the convention during the annual business meeting; and former Dallas Cowboy quarterback, Roger Staubach, is slated to be the principal speaker at the Annual Awards Banquet.

Other scheduled convention activities include a trade-show, committee meetings, an open meeting with the Trustees, the Southwestern Livestock Exposition Rodeo, and the Lone Star Revue Simmental Sale which is co-sponsored by the Texas Simmental Association and the Palo Pinto Simmental Breeders Association.

Additional information on the schedule, the program and other aspects, including transportation, meals, and housing may be obtained by contacting the American Simmental Association, One Simmental Way, Bozeman, MT 59715 406-587-4531.

Cattle on feed up sharply

WASHINGTON, D.C. — At 8,304,000 head, the number of cattle on feed on Dec. 1 in the 7 major feeding states was up 13 percent from a year ago, 4 percent above the Dec. 1, 1980 total. That's also the highest for the date since 1978 and the highest for any month since February 1979.

Fed cattle marketings during November, at 1,485,000 head are up 15 percent from a year earlier, up 10 percent from two years earlier and highest for the month since 1978.

November placements, at 1,785,000 head are up 10 percent from a year earlier, 8 percent above 2 years ago.

Sharpest increase on Dec. 1 for feed totals was in Colorado, which had 1,040,000 head, up 31 percent from a year earlier. Arizona had 375,000 head, 17 percent more than a year ago, while Nebraska's total, at 1,880,000 head, was up 16 percent; Kansas' total, at 1,360,000 head, was up 14 percent from a year ago. Texas' total, at 1,920,000 head, was up 12 percent; Iowa's total, at 1,100,000 head, was up 3 percent; and California's, at 629,000 head, was up 2 percent from a year ago.

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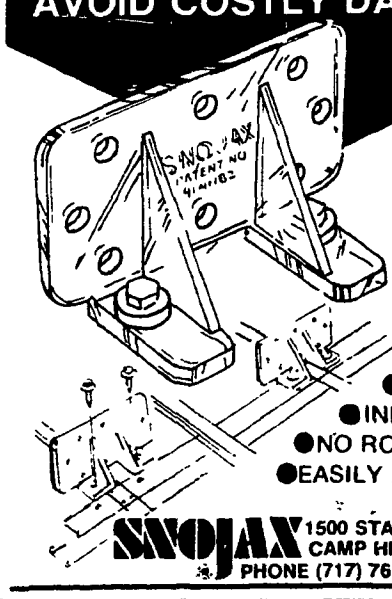

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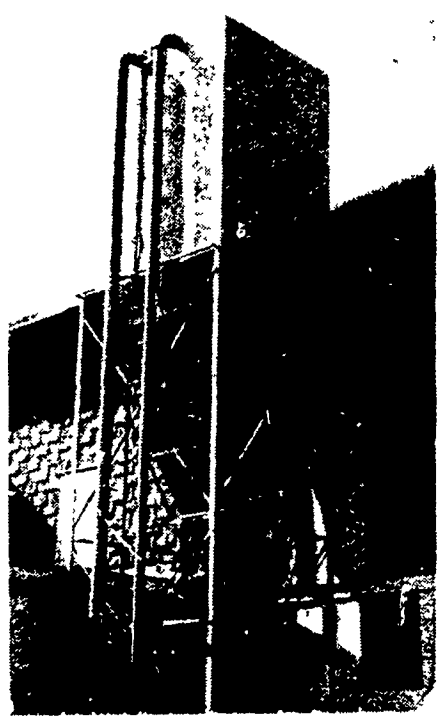

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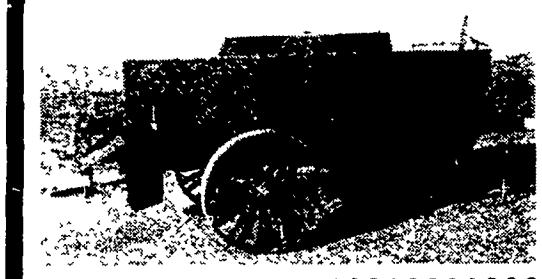

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Grange posts '83 legislative priorities

HARRISBURG — Establishment of a producers' security fund to ensure payment to grain and egg producers will be one of the top legislative priorities of the Pennsylvania State Grange in the new year, State Grange Master Charles Wismer said.

Wismer said the rural farm organization will seek state legislation to protect egg and grain producers from loss of payment for their commodities due to defaults by purchasers, similar to the Milk Security Fund Act of 1980 which protects milk producers.

The producers security fund, proposed by the State Grange, would be administered by the state Department of Agriculture and would guarantee payment to producers when buyers go bankrupt or default on payments. Grain and egg dealers would participate in the fund through establishing cash deposits, bonds, or letters of credit.

Wismer said he would like to see grain and egg security programs tailored after the Pennsylvania Milk Marketing law which requires dealers to pay producers within a specified time period or pay a penalty.

"With the economics in agriculture growing steadily worse in the past year, there have been an unusually high number of bankruptcies in the agricultural industry creating problems in collecting money owed to producers," Wismer said. "Producers put out a large investment in their commodities, but may wait as long as six weeks or more from the time of sale before collecting their money."

The State Grange also intends to continue to appeal the 50-cent per-hundredweight assessment on all marketed milk which began Dec. 1 when the 98th Congress convenes in January. The Grange proposes a national dairy promotion program coupled with a quota based system which would provide producers with incentives to reduce milk production.

Other steps in the grange will take to assist the dairy industry include pushing for restrictions on foreign imports and stricter regulation on the marketing of imitation dairy products. The Grange would like to see imitation dairy products removed from dairy cases where they are sold beside the "real" thing.

Establishment of state guidelines for aerial application of herbicides to clear utility rights-of-way on privately owned land will be a goal of the State Grange in 1983. The State Grange maintains a position favoring advance notification by utilities to property owners of their intent to spray, minimum distances form "sensitive areas", such as ponds, crops and flower gardens, and, most importantly, the right of property owners to refuse aerial spraying in favor of other means of clearing the land.

Wismer has agreed to testify for the Pennsylvania Consumer Advocate at a hearing to be conducted on aerial spraying by the Public Utilities Commission in late January.

In 1983, the State Grange also hopes to achieve:

- environmental protection for property owners who lease land for oil and gas drilling and exploration;
- reimbursement from utilities for farmers' costs to correct stray voltage problems on dairy farms;
- a gradual shift from real estate taxes to net income taxes as a means to finance public school systems; and
- elimination of all tax breaks to foreign investors in agriculture and agri-business.

The Grange is a rural farm organization which acts on policies adopted each year by delegates representing a statewide membership of 43,000 individuals.

Luzerne Co. slates milker school

WILKES-BARRE — A Milker School conducted by the Penn State Cooperative Extension Service will be available to dairymen in Luzerne County on January 25 and 27. The school will be held at the Ag Service Center, Nanticoke, beginning at 11:00 a.m.

The purpose of this two-day school is to help dairy men and women gain knowledge and management skills in the reduction of mastitis. Reduction of Somatic Cell count can lead to higher production.

Program content will include discussions of udder anatomy, Mammary gland development, milk secretion, maintenance of the milking system and milking techniques. Included will be a farm visit to demonstrate CMT use, stray voltage measurement, and a milking system evaluation.

Program participants will be John Creighton and Ed Pruss, Wayne County Extension Agents, and Dr. John Buolein, Wayne County Veterinarian.

Pre-registration along with the $20.00 cost for the school should be made with the Luzerne County Extension Office, Courthouse Annex, Wilkes-Barre, PA. 18711. Any other person in the area wishing a program and registration information should contact this office.

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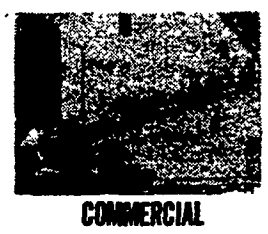
INDUSTRIAL  RESIDENTIAL

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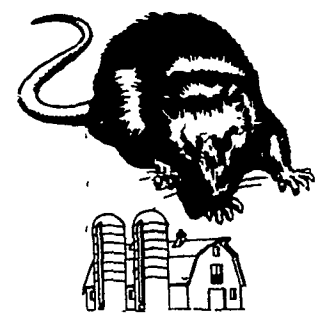

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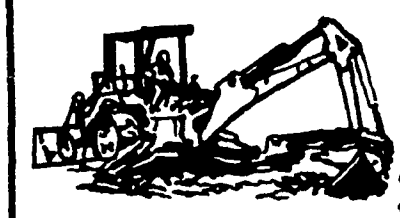

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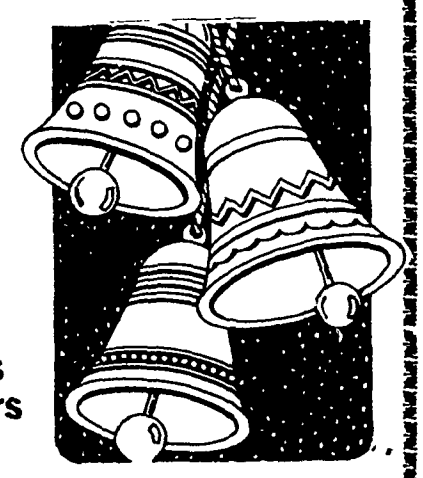

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Statewide N.J. vegetable meeting set for Jan. 17-20

NEW BRUNSWICK, N.J. — The future of the vegetable industry in New Jersey, the right to farm, the use of computers, and advances in pest control technology all are on the program for the annual statewide vegetable meeting set for Jan. 17-20 in Atlantic City's Resorts International Hotel-Casino.

Sponsored by the State Cooperative Extension Service of Rutgers University's Cook College, the event is the largest of its type on the East Coast. This year it is expected to attract more than 1,700 participants from states across the region, Canada and other countries, said W. Bradford Johnson of Cook College, program coordinator.

Sessions on tomatoes, potatoes, bedding plants, sweet corn and small fruits are scheduled for the meetings, which are co-sponsored by the State Department of Agriculture, the Vegetable Growers' Association of New Jersey and the State Potato Association.

Also scheduled is a large trade show, which will include a record 104 exhibit booths and spotlight the latest in agricultural equipment and technology.

The opening session on Monday, Jan. 17, begins at 1:30 p.m. in Resorts International's Green Room. It includes the keynote address of the meeting, "The Future of the Vegetable Industry-Problems, Policies and Solutions," to be delivered at 2:15 p.m. by State Secretary of Agriculture Arthur R. Brown.

A former Atlantic County agricultural agent with the Extension Service, Brown will be addressing the Vegetable Growers' Association for the first time since assuming his post as Secretary on July 1.

Also on the agenda for that day are an address on "Improving Your Direct Marketing" by Ransom A. Blakely, a marketing consultant, and "The Computer in Your Future," which will be discussed by Damon Thatch, a Cook College agricultural economist.

Tuesday's general session in the Green Room includes a talk on soil and water conservation and related cost-sharing programs by Samuel R. Race of the State Department of Agriculture and a look at new vegetable varieties for 1983 offered by Joseph Steinke, a vegetable researcher at Cook College.

Running concurrently Tuesday morning will be the meeting's sweet corn session, held in the hotel's Rutland Room. A program on the fluid drilling planting technique will be held in that room Tuesday afternoon.

Wednesday's schedule calls for meetings on tomatoes in the Green Room in the morning and on small fruits there in the afternoon. The Rutland Room will be the scene of Wednesday's all-day session on potatoes, which will include the latest results of research into control of the Colorado potato beetle, New Jersey's top insect pest.

A banquet Wednesday evening will include entertainment and the presentation of awards to those who have made outstanding contributions to the state's vegetable industry.

The general session in the Green Room on Thursday will feature remarks on improving the public image of pesticide usage, offered by Raymond J. Samulis, Burlington County agricultural agent, and tips on financing the agricultural industry, presented by Marvin Van Hise of the State Department of Agriculture.

Also on Thursday's program are the bedding plant session and another on specialty crops, both to be held in the Rutland Room.

A $20 registration fee will be charged for the meetings. For additional information or preregistration, contact Johnson at 201/932-9395.

Consumer health begins on the farm

NEWARK, Del. — The use of any drug or antibiotic on an animal can and usually does leave a residue of the drug in the tissues as well as the milk, according to George Haenlein, University of Delaware extension dairy specialist.

The residue is necessary for the substance to be of use in controlling the disease. The drug must remain in the animal long enough to kill the infection.

However, it is important to the safety and health of consumers of meat and milk that these animal tissues containing drugs do not get into the market channels.

A drug or chemical residue in meat or milk is considered to be an unlawful adulteration of the product. Parties responsible for adulteration can be the object of legal liability lawsuits under laws now in force, Haenlein says.

Milk producers use large quantities and varieties of drugs and antibiotics for the control of mastitis in dairy cows. In fact, mastitis is the most costly and widespread disease affecting food-producing animals.

Each chemical and antibiotic which may appear in animal tissues as a residue bears a label on the package stating the likelihood of residue and the time needed for it to disappear from meat and milk.

Haenlein says some things milk producers can do to avoid violative residues are:

- Follow label directions for milk and meat withdrawal times.
- Discard all milk from treated cows. This means cows which have had infusion of the uterus with antibiotics as well as individual quarters treated with mastitis infusion antibiotics. Each of these methods allows the antibiotic to get into the bloodstream and create residues for variable lengths of time.
- Calculate preslaughter drug withdrawal and milk discard times accurately, beginning with the last milking or time of administration.
- Segregate treated animals from the milk herd and milk last, being sure the milk is discarded. Identification such as leg bands will help milking parlor workers recognize treated cows.
- Find out from the veterinarian the type of drug used and the withdrawal time when he or she treats an animal for any condition.
- Use proper medication for the animal species and correct dose for size of animal to be treated. Overdosing and use of drugs in improper species may cause illegal residues.
- Put all antibiotics and treatment programs in the hands of a single, responsible person. Store antibiotics in a safe place.
- Keep accurate records of all treated cows, including breeding and freshening dates. Remember, withdrawal times for dry cow treatment are long, and specified on the label.
- Violative animals may be condemned at slaughter because of illegal drugs or chemical residues in meat. Milk with antibiotics can adulterate a whole truckload and/or the entire holding tank. Speedy new methods now allow tank truckloads of milk to be checked for antibiotics before being unloaded. A producer selling milk with antibiotics can be identified before the milk is processed.

Late season open

HARRISBURG — Small game hunters have once again taken to the fields and forests of Pennsylvania for the late small game seasons which opened Monday.

Species which may be hunted through Jan. 8 include pheasants of both sexes in northern Pennsylvania, and cottontail rabbits, squirrels and grouse statewide.

Daily and possession limits are: pheasants, two and four; cottontail rabbits, four and eight; squirrels, six and twelve; and grouse, two and four.

This year, for the first time, there will be a three-week extension of the grouse season in most counties. The extension is part of a long-term experiment to determine the effects of season lengths on grouse populations.

Grouse are at a 15-year high, and extending the season through Jan. 29 should not be harmful to the bird supply, reports the Pa. Game Commission.

Two counties in each of the state's six major geographic divisions will continue with the shorter winter grouse season. The season ends Jan. 8 in Clarion, Butler, Indiana, Fayette, McKean, Centre, Huntingdon, Bedford, Susquehanna, Monroe, Dauphin and Berks Counties.

Counties selected to retain the "late" season setup were chosen by biologists on the basis of "flushing rate" data collected in Game Commission studies underway since 1965.

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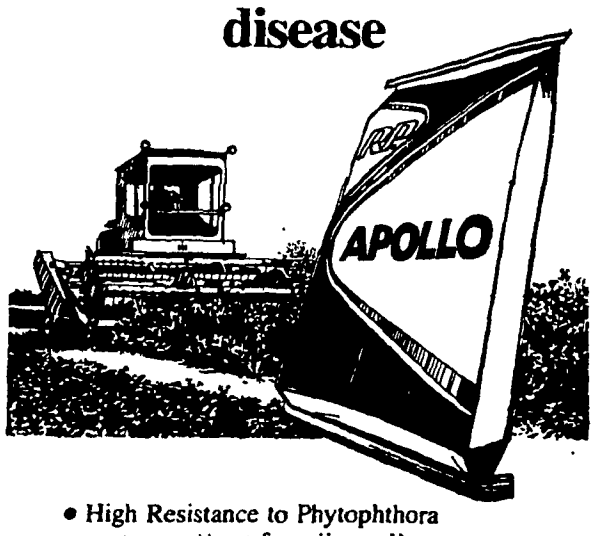

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Unfavorable economy causes livestock cycle delay

WASHINGTON, D.C. — Economic conditions unfavorable to farmers have now persisted so long that normal cycles in livestock production are being delayed.

Livestock prices have risen this year because total red meat and poultry output is falling 3 or 4 percent. The drop in meat output reflects the largely negative profit margins from mid-1979 through early 1982.

In 1981, hog producers reduced their foundation herds, and cattle feeders placed fewer animals on feed—typical responses to low prices. However, this year's strong prices—at a time of low feed costs—have not yet prompted producers to increase their breeding herds as in earlier cycles, says economist Don Seaborg of USDA's Economic Research Service.

Futures prices for next year are reinforcing farmers' caution. Currently, prices for hogs and fed cattle are too low for farmers to ensure profits by selling contracts for future delivery. In the past, however, livestock producers responded more to current profits than to indicators of future prices.

The major influence appears to be financial, as lenders have grown more cautious about extending credit when profits can't be hedged, Seaborg notes.

With large 1982 crops following last year's record harvests and with only moderate growth in demand, prices for feed grains and high-protein meal are sharply lower than a year ago. Corn at the farm is now about $2 a bushel, while soybean meal is selling for $160 a ton at Decatur, Ill. Last fall, corn was about $2.40 and soybean meal about $185. Two years ago, farm prices were about $3.10 for corn and $240 for soybean meal.

Such a drop in prices has been bad news to crop farmers, but it has helped to reduce or hold down production costs of livestock and poultry producers.

A similar comparison of hog prices shows the opposite trend. In late summer and early fall, hogs were selling for $57 to $63 per cwt. Last fall, they were about $42, and in the fall of 1980 they were $46. The traditional rough measure of profitability in hog production—the hog-corn price ratio—is currently about 28 to 1, up from 19 to 1 last fall. Thus, hogs returned a profit this summer and early fall as a result of lower feed costs and higher hog prices.

While prices for fed cattle are not much changed from last fall, reduced feed costs have meant many cattle feeders are in the black, or at least covering costs. However, feeder cattle prices remain depressed, and cow slaughter in mixed crop-livestock areas remains large.

But, livestock producers are not yet taking the necessary steps to significantly boost output in the near future, Seaborg observes. Hog slaughter remained high through the summer as producers continued to market gilts rather than retaining them for the breeding herd—a reflection of farmers' serious financial problems.

Although cattle feeders have been increasing placements in recent months and there are more cattle on feed than a year ago, the number of cattle in feedlots is still well below the levels of a few years ago. Many feeders have opted for shorter feeding programs. Meanwhile, stockers have culled heavily this year and continued to sell their feeder cattle, despite above-average grazing conditions and lower prices.

Cow slaughter was up 10 percent through September 1982 and has remained unusually large so far this fall. Cow slaughter has been especially large in cropping areas, suggesting that farmers are trying to offset low crop receipts by culling their least productive animals, or even liquidating their cattle herds.

The midyear cattle inventory was 1 percent smaller than a year earlier, including 4 percent fewer beef cows and 2 percent fewer beef heifers being held for herd replacement. Cow slaughter rose 8 percent from a year ago this summer. This interrupted the uptrend in the inventory cycle that began in 1980. Broiler producers have increased production only slightly, even though pork output has dropped substantially.

There is usually a lag between the time animal prices turn up and when producers respond, but the current lag appears longer than usual and the response more timid. Hog farmers have indicated that fall farrowings would be down 11 percent from a year earlier and that early spring farrowings will drop 4 percent. Weekly market data still give no solid evidence that either sow or cow slaughter is falling off enough to support additions to the breeding herd. Also, the number of chicks placed in broiler houses during January-September was the same as last year, and the broiler laying flock has been reduced.

Hog futures still are only in the low $50s for next summer and well below $50 by late 1983. Futures prices of fed cattle are too low to protect a profit in the first half of next year. Since bankers use futures prices as a barometer of next year's markets, they have shown little enthusiasm for expanding loans to livestock feeders. Also adding to lenders' caution is the recent decline in land values.

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For Sale - Case air/cool power/unit on wheels w/clutch & pulley, corn & wheat binder, c/bale elevator, 717-532-3460.

For Sale - Service age boars, Yorkshire-Hampshire cross and Yorkshire-Hampshire-Landrace cross. Clean stock, 717-656-9764.

For Sale - MH 50 clipper combine, pull type w/Wisconsin engine & baggers, $600. Delivery available. 412-397-2202 Indiana Co.

MAILBOX MARKET

For Sale - Servis heavy duty scraper blade $800, 3 large Pride of the Farm hog feeders. Washington Co., Md. 301-739-4046.

Rent cozy log cabin near Shawnee, avail to local private slope. John Bohm, 6 Waverly Rd., Cherry Hill, NJ 08003.

For Sale - AC tractor, model B, wide front, good tires, hand start, needs work, $400 firm. Warren Co., NJ 201-496-4623.

For Sale - Pair of Reg. Belgian gelding, coming 3 and 4 - broke well. Centre Co. 814-355-1922.

Wanted - NH roll baler 800-1200 lb. type. Call with price. Martinsburg, W.Va. 304-229-3917.

For Sale - Farmall 450 good cond., good rubber, power steering, wide front end, straight draw bar. Bucks Co. 215-679-6332.

For Sale - Reg. Jersey cows, priced to sell, 10 head, fresh & various lactations, certified & accredited herd. 814-398-8073.

For Sale - Ten bred gilts, due January 15, 1983. Pseudorabies free, 717-354-9370, 354-6990.

Wanted - Angle iron and flat iron cutter, or ironworker, pipe bender, AC-DC welder, Lanc. Co. 717-733-8313.

For Sale - 30 hp Rupp snowmobile, 515 hrs. w/6'x8' trailer w/side racks, exc. cond., $950. Lanc. Co. Call after 6 p.m. 717-859-3119.

Vesicular stomatitis spreads to new states

WASHINGTON, D.C. — Despite cold weather, vesicular stomatitis has continued to spread to livestock in two new states — Missouri and California — a U.S. Department of Agriculture official reported.

"This latest spread seems to be due to movement of cattle from Colorado after a dairy dispersal sale," said John Atwell, deputy administrator of USDA's Animal and Plant Health Inspection Service.

In Missouri, a dairy herd became infected and milk production was reduced by about 30 percent. In Colorado, a beef herd was removed from its mountain pasture and came down with vesicular stomatitis 10 days after being brought to its winter feeding area.

"Eventually, 95 percent of this beef herd became infected," Atwell said. "Since these cattle were on snow-covered ground, we think the disease spread from the infected animals through the feed, water and/or salt-mineral blocks."

Atwell said USDA diagnosticians have investigated possible vesicular disease reports on 829 farms and ranches since early June. Of these, 526 have been diagnosed as vesicular stomatitis in the laboratory.

"There are at least 10 new samples at the laboratory for testing now," he said.

"Vesicular stomatitis is a transitory disease that is not usually dangerous. However, it is very costly when milk production is reduced by a third or beef cattle lose 100 pounds or more," he said.

USDA veterinarians are conducting field studies on at least 15 recently infected herds in hopes of finding out more about how the disease is spread and the effects of the disease within the infected herds.

Atwell said vesicular stomatitis is thought to be spread by mosquitoes and biting flies and is usually detected only during summer months.

USDA is concerned, Atwell said, because, in the field, vesicular stomatitis looks very much like foot-and-mouth disease. Thus, a more serious disease could go undetected unless each affected herd is tested.

"All livestock owners should report any vesicular condition to their veterinarians," Atwell said. "Symptoms include blisters on the mouth, tongue, teats, hoofs and other exposed skin areas.

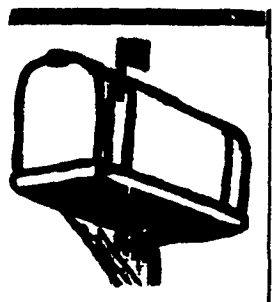
In addition to cattle, vesicular stomatitis affects horses, swine, sheep, goats, dogs, wildlife and humans.

In 1982, the outbreak appears to have started in Central America, moved up through Mexico, invaded Arizona in June, and continued up the intermountain states to also affect livestock in New Mexico, Utah, Colorado, Nebraska, Wyoming, Idaho, Washington, South Dakota and Montana.

Dauphin Co. District seeks antlers

HARRISBURG — Deer hunters are being asked to donate unwanted deer antlers to the Dauphin County Conservation District. The Conservation District will use a deer antler study program established by the Pennsylvania Game Commission as part of its Environmental Education Program for Dauphin County schools.

If you can assist with their search for antlers, call the Dauphin Conservation District at 717/921-8100, or forward antlers at the office in the Lower Paxton Township Municipal Building, 75 S. Houcks Road, Room #306, Harrisburg, PA 17109.



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MAILBOX MARKET

Wanted - Keeshound - a female puppy. Parts for 2 cyl. Wis. motor. Washington Co. RGK, RD1 Box 282, Monongahela, Pa. 15063, 412-379-6221.

For Sale - Reg. Holstein bull, service age, sired by Marvex. Juniata Co. 717-535-5247.

For Sale - 2 nice Holstein heifer calves, $75 each. Call 717-966-1398 Union Co.

For Sale - 2 pickup tires, 7.50x16 Michelin radials, traction tread, recaps, good cond., Lehigh Co. 215-264-3025.

For Sale - 5 yr. old saddlebred carriage horse, broke. Male, Mastiff. Male, Chow Chow. Aaron I. Martin, Ephrata, R4, Box 482, Pa. 17522.

Wanted - Used Bridgeport vertical milling machine parts need J Head and Accessories. 717-584-4440 Lycoming County, Pa.

For Sale - Hay, straw, old and new ear corn, 717-244-1244.

For Sale - 1973 Bonneville Pontiac, inspected, very good cond., 717-626-6516.

Capons for sale, fresh dressed, FFA project, 717-872-4565.

For Sale - JD 4010 D w/5/8 plow $7500. 460 Int. D tractor $2500. AC WD 45D tractor, wide front end, PS $1750. Bucks Co. 215-536-5182.

Wanted - Tail wheel assembly for IHC, 2 bottom fast hitch plow, 304-599-4027.

For Sale - Ear tatoo set, for cattle, sheep or pigs. Exc. cond., $15. Lanc. Co. 215-267-6174.

For Sale - AC HD-9 loader, HD-9 dozer, good GM diesel engines, asking $4500 for the pair. Warren Co. NJ, 201-859-2348

For Sale - Used 18 4x38's 15% tread, nylon, 8 ply $50 1 tube to fit $25 Sauder loader bracket for IH 574D Utility $15 Leb 717 272-0041

Wanted Acorn barn cleaner motor, 1½ hp, reversible 717-442-4865 Lanc Co

For Sale - 3 pt hydraulic wood splitter, runs off tractor hydraulics, works fine, $200 firm Fulton Co 717-987-3732

MAILBOX MARKET

For Sale - Reg. 2 yr. old Belgian mare, sorrel w/light mane and tail. Bred and vet checked for April foal, $4000. Berks Co. 215-926-3086.

For Sale - FL2-912 Duetz diesel engine w/clutch & pulley - 28 hp low hours $2000. Market wagon, $350. 717-354-9323.

For Sale - 185-D AC in good cond., $5900, new paint. 717-354-0595 Lanc. Co.

For Sale - 1965 Int. 1700 Loadstar 26,000 GVW truck chassis, A-1 cond., $1800. JD 10' lime drill, $100. 717-252-1077 anytime.

For Sale - 1982 Honda (ATC), Big Red 200E, exc. cond., $1425. 717-426-2655 after 6 p.m.

For Sale - Sauder D2 loader $125. Brady manure spreader $100 or make offer. Wanted - 10 ft. wide overhead garage door, 215-445-5928.

For Sale - Restored 1½ hp Fairbanks-Morse engine w/cart $250 or best offer. 301-834-8480 after 7:30 p.m., Frederick, Md.

For Sale - 1967 Chevrolet station wagon $150. 717-687-7172 or 215-267-5882.

For Sale - Automatic Glenwood, wood and coal combination stove w/hot water jacket, ideal for home or farm use. 215-693-5909.

Wanted - Sauder manure loader for MF 35 tractor, 717-367-2015 Lanc. Co.

For Sale - 7 yr. old saddlebred carriage horse, needs work, Elam F. Stoltzfus, 210 Farmhand Rd., 17540.

For Sale - Viel rock rakes and front end rock pickers. All sizes. 10% discount. Hoover's Rock Eq. 717-536-3597 Perry Co.

For Sale - 16 acres home w/basement porch steam heat barn stream and woods, RD1 Box 60 Groff Rd. Millington, MD 21651.

For Sale - Massey Harris gas combine model 82, $4500. Int. drill model 10, $1000, both good cond., 717-334-0277 Adams Co.

For Sale - Very nice cider apples, $1.99 per bushel. 1979 Ford 350, dual wheels, 12' stake body. Lanc. Co. 717-872-5263.

For Sale - 1978 MF 1085D, 16.9x38 8 ply rears, power adjust, dual remotes, tires 90%, exc. cond., 717-889-3197. Schuylkill Co.

For Sale - Winco 25 KW generator on cart, $1475. 400 amp meter-rite. Double throw switch, for center pole $295. 717-966-0145.

For Sale - 2 tobacco wagons, 1 w/wooden wheels, 1 w/iron wheels, $75 each. Int. 28 disc, $300. 717-426-2296.

For Sale - JD 246 two row cornplanter, good cond., $350. JD A cultivator, $75. Doberman Pinsher stud service, 717-733-4647.

For Sale - Cut-off saw, 28" blade, 6" flat belt pulley and v-belt pulley drive, $300. Lanc. Co. 717-626-0058.

For Sale - 4000 ft. rock oak, 1" to 1¼" also cherry & poplar, 717-776-3239 after 5 p.m.

For Sale - 8' snow blower, 3 pt. hitch. Also Meyer snow plow, all hydraulic, complete, new. 814-447-3383. Huntingdon Co.

For Sale- Spring wagons & buggies & horse related items. 301-398-5696 after 7 30 P M

For Sale - Muscovey Ducklings, Daniel L Stoltzfus, Bird-in-Hand, Snake Hill Road, Lanc Box 289, 17505.

For Sale - IH 45 baler, complete $75; 2 cyl. Wisc. engine $200. Samuel S. Stoltzfus, 2447 Stumptown Rd., Bird-in-hand, Pa.

MAILBOX MARKET

For Sale - Yorkshire boars and open gilts. Pseudorabies and Brucellosis free herd. Will deliver. Red Run Farm, York Co. 717-292-4634.

MINI LOP RABBITS with papers $25.00. Very Loveable pets. NZW Rabbits with papers, $10.00. Cecil Co., Md. 301-885-2134.

For Sale- Outside calf hutches, $75 each, David B. Stoltzfus, Rd 2, Box 282B, Nottingham, PA, take Brown Rd. at Little Britian, second road right.

For Sale - Pups, fox terrier, ten weeks old, $20 a pc. 215-445-5359 Lanc. Co.

For Sale - 1 pr. big dark sorrel mules, 2 and 3 yrs. old, broke to work anywhere, 717-768-3788, Gap, PA.

For Sale - 12 ft. alum. van-truck body, rollup rear door, like new $1000. 717-266-3436 York Co. Pa.

For Sale - MF 510 diesel combine w/14' head, $3,000 215-267-3113.

For Sale - Saddlebred carriage horse, needs trips, Sam K. King, 434 S. Belmont Rd., Ronks, Pa. 17572.

For Sale - Ford 4000 diesel row-crop, good working cond., $4250. 18-4-34 tires and rings off JD 4020, $700. Berks 215-683-7931.

For Sale - Ritchie water fountain thermostat controlled, 40 head size, $50. 717-369-2805.

For Sale - Wind breaker & cab for tractor. 18" Remington chain saw. 300 gal. skit gas tank, Lanc. Co. 215-267-5096.

For Sale - 6 ton outside feed bin w/partition and measuring hopper, $400. Jonas King, Morgantown R1, Box 101, Pa. 19543.

For Sale - 2 way cross gilts Y-D. JD KBA 24 disk $400. Willis Leid, RD1, East Earl, Pa.

For Sale - 200 - 4' self-spacing concrete slats. 1700 Mustang loader. 424 Int. tractor. 1974 Ford window van. Lanc. Co. 717-859-2792.

For Sale - 2- 12 in. bottom 3 pt. plow, good $150. 6' 20 blade disk rope set, good, York Co. 717-235-2032.

For Sale - IH 110 forage wagon, $750 ea. Snyder Co. 717-374-8625.

Wanted - Small ensilage cutter w/shredder bars, state size and price. John Z. Ebersol, Nine Points, Pa. 17561 Lanc. Co.

For Sale - JD 1972 Industrial 401 tractor, 60 hp gas, wide front, 3 pt., PTO, and more $5500. York 717-757-2960.

For Sale - 1 seat carriage, roller bearing. 1 horse breaking cart, roller bearing. David W. Shirk, R3, Box 373, Ephrata, Pa. 17522.

For Sale - JD 237 mtd. cornpicker, multiple & stalk ejector $800. JD 350 5 bot. plow. York Co. 717-862-3833.

For Sale - "Ohio" oil burner motor. Type - SP51424, RPM 1725, volt-115, model 926A3812 A, ser. 49E, hp 1/6. 717-359-4263 Adams Co.

For Sale - NH 27 blower, also Martin 165 bu. gravity wagon, $675 ea. Cumb. Co. 717-423-6188.

For Sale - 1967 stake body truck, 16,000 GVW, $1495. 17 ft. flat trailer w/electric brakes, $500. 717-548-3117 evenings, Lanc. Co

For Sale - Reg. Suffolk sheep, quality ewes and rams including my show sheep, very reasonable, Northampton Co. 215-262-4176 or 215-262-0672.

For Sale - Six mini orbit parlor milkers with in place washing and double acting pulsators. Used 14 mos. Adams Co. 717-359-4383.

MAILBOX MARKET

Wanted - Incubator in good cond. up to 600 capacity. 201-229-6969.

Notice- Swap army truck 6x6 A-1 cond. w/a new 10 ft. snow plow for a back hoe. 609-499-2286 NJ.

For Sale - Oliver 85 bushel manure spreader. 3 beaters, rubber tires, kept inside, very good cond., $150. 717-286-9380 Northumberland Co.

For Sale - 8' Moryville utility body. for ½, ¾ ton truck, sandblasted & primed. 609-358-3923 Salem Co. NJ.

For Sale - Complete dairy of 33 Holstein cows from Sire Power bulls, bred back to Sire Power bulls. Susquehanna Co. 717-698-6597 or 729-7143.

For Sale - Overstocked, need to sell 10-25 registered Holsteins. All stages of lactation, possible owner financing. Kent Co. 301-778-0349.

Wanted - Root rake for 955 12A Cat. 717-328-3145 Franklin Co.

Wanted - Elderly person to live at farm, some light work; interested in couple to do organic farming. 717-754-4661 Schuylkill Co.

For Sale - Case SC tractor w/3 pt. hitch, live PTO & hydraulic w/manure loader; Case 300 tractor w/3 pt. hitch; 717-345-4882.

For Sale - 50 acre hog-steer farm in Lanc. Co. 717-354-8933.

For Sale - JD 7000 no-till corn planter, hyd. markers, grandulated fertilizer boxes, plateless, monitor, $6500. Fulton Co. 717-485-5372 after 8 p.m.

For Sale - 7' snow plow for pickup, $450; Penn air compressor, 9"x8"; Case 450 crawler, like new. Lanc. Co. 717-733-3980.

For Sale - Cute mixed puppies, $10 each. V blade snow plow for front end loader, 215-562-4926 Berks Co.

Wanted - 175 gal. to 250 gal. SS or alum. tank, flat for water, no working parts. William A. Johnson, 814-652-2319.

For Sale - MF 165 Diesel $3500 and 6006 Deutz $2500. Lanc. Co. 717-354-5489.

For Sale - Yorkshire service age boar $200. Lehigh Co. 215-298-2793.

Wanted - Used milk meter for pipeline system. Adams Co. 717-259-0406.

For Sale - JD corn planter No. 290 $295. MF 42 mounted mower $600. Lehigh Co. 215-298-2720 after 5 p.m.

For Sale - Reg. Percherons. 2 black mares, 3 yrs. and 8 yrs. in foal, 1700 lbs. 607-433-2681 Otsego Co., NY.

For Sale - Sicilian Donkeys - Mama, Papa & baby, terrific children's pets, Chester Co. 215-869-2394.

Wanted - Set of chains to fit 16.8x28 tractor tires. York Co. 717-235-5701.

For Sale - 970 Case cab, air, heat, power shift, $6500. Bedford Co. 814-623-2603.

For Sale- Reg. Angus bulls and heifers, Orange Gate Angus Farm, Maurertown, VA 22644, 703-459-3414.

Wanted- 200-300 gal. holding tank, meat grinder, 30 gal. S.S. barrels, castors, S.S. 6 ft. table, ratchet press, S.S. sink, 215-862-9148 10-5.

Used Bee Equipment, Inverbrook Apiaries, R.D. #2 Box 230, West Grove, Pa. 19390, 215-869-3353.

Build your own pig feeders for under $10. 100# capacity. Easy plans, $2.00. Rt. 1, Box 742, Mardela, MD 21837.

For Sale - Snow plow for Farmall Cub tractor - exc. cond $180. Call in evening. Montg. Co. 215-933-2469.

MAILBOX MARKET

For Sale- Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines. Willow Glenn Farms, Rd 2, Strasburg, Pa. 717-786-2562.

Fine Selection of pleasure Tennessee walking horses, $800-$1800, quality yearling and weanling colts. At Stud: Senator's Thunder, black and beautiful, 215-267-7311.

Fox Terrier stud service. 717-354-7186.

For Sale- Peafowl, 6 cocks, 1978 hatch $50 each, also 1979 chicks, $10 and up, Westminster, MD 301-876-1235.

Wanted - Diesel or gas tractor, WFE, 3 pt., 3 or 4 cyl. between 50-70 hp. Columbia or bordering counties. 717-864-3373.

For Sale - 7 yr. old saddlebred carriage or buggy horse, safe and sound. Lanc. Co. 717-354-9902.

For Sale - 4 mos. old full, Jack Russel Terrier - raised with children and housebroken, $85. York Co. 717-235-3728.

For Sale - Three Hereford bulls, no horns or papers. 1½ year old. '71 Ford pick-up truck, needs some repair, 215-488-1762.

For Sale - 6' manure bucket for Int. loader, will fit most size loaders, Lanc. Co. 717-653-5359.

Wanted - Mix hay, no rain, $100/ton. Delivered in Lanc. area free. 717-653-1260.

For Sale - Cub Lo-Boy "154" tractor and mower deck, good engine, needs transmission and clutch repair. 914-294-6141, 914-986-2111 eves.

Wanted - NH tools. NH engine wrenches. Whizzer motor bikes or parts or old Schwinn bikes, Lanc. Co. 717-354-9127.

For Sale - Cat. D4-6U, angle blade, dual hydraulics, undercarriage, good condition, Lanc. Co. 717-354-9916.

For Sale - Warm morning coal stove, nice. Reg. Jersey 1st calf. Jonathan Z. King, Box 75A, R1, Drumore, Pa. 17518.

Wanted - Cylinder head for Ford Super Dexta tractor #A233 GKN 1308. Engine is 152 cu. in. Perkins. Berks Co. 215-682-6125.

For Sale - 3 yr. old reg. polled Hereford bull. "Jogger" son out of "Victorious" dam. Lackawanna Co. 717-222-4214.

For Sale - 3 Holstein steers, 3 Charolais heifers 950 lbs. 50 ton corn cobs. Call 717-444-3968 Perry Co.

For Sale - Sears deep well pump & tank and Culligan water softener, cheap. Farmall Cub tractor plow. 717-838-1801 or 717-838-2867.

For Sale - Large round bales of Timothy and Clover mixed, $35 per bale loaded. Adams Co. 717-624-7275.

For Sale - Reg. Ayrshire heifer calves, all ages, 1 to 15 months old. Berks Co. 717-933-8633.

Wanted - Small acreage for hunting in Tioga or Potter counties with stream or spring. Northampton Co. 215-258-2664.

Notice- Have truck will travel. Selling- All kinds of hay, wheat straw, mulch hay, clean broom grass. Buying corn, Lycoming 717-398-2961.

For Sale - 206 NI manure sprader for parts. Lanc. Co. Josiah H. Beiler, R1 Box 141 Drumore, Pa. 17518.

For Sale - 1969 GMC 12 ft stake body truck, like new cond., 350, 4 spd., insp., $2600. Cumb. Co. 717-776-3305.

For Sale - 180 amp Forney welder, good cond., $100 Lanc Co 717 665-5669

MAILBOX MARKET

Notice- Want to rent farm w/option to buy, Central Pa. into NY. Steve Marshall, R1 Jersey Shore, Lycoming Co. 717-398-7632.

For Sale - 36' steel hay rack in good shape. David L. Zook, Christiana R1 Box 289 17509.

For Sale - GMC 75 Cab & Chassis, 21,000 GVW 5 SP, good cond., $3500. 215-723-0386 Bucks Co.

For Sale - 3 beater Pequea manure spreader, like new and Jamesway stanchions. Erbie S. Stoltzfus, R2, Parkesburg, Pa. 19365.

For Sale - IH 715 diesel combine, 645 hrs., 4 row 38" 13' grain hydrostatic, air, heater, $28,000. Adams Co. 717-637-1232.

Wanted - Grill, belt pulley, and shaft for JD LA Adams Co. 717-528-4624 collect.

Top Quality Hay, Straw, Oats, Steer hay 140 per ton and up, mulch hay. Call before 7 a.m. or after 7 p.m. 201-735-8389 or 201-735-4408, days 201-735-8865.

For Sale- 1600 gal. fuel oil tank truck body 215-345-1909 after 7, Bucks Co.

For Sale- All size silo roofs at reduced cost, 717-687-6672 or 768-3095 Lanc. Co.

Wanted to Rent- Farmland in Berks, Lehigh or surrounding area. Top prices paid, 215-756-6269.

MAILBOX MARKET

Yorkshire boars, bred gilts and open gilts. Pseudorabies free herd. Will deliver. Joel Stern, R2, East Berlin, Pa. 17316, York Co. 717-292-4634.

For Sale- Rope halters for cattle, made to order, 717-898-7020 Lanc. Co., Pa.

Wanted- New or used storm front market wagon, and/or spring wagon, state price and condition, all replies answered, T. Holliday, Rt. 4, Box 244, Waynesboro, TN 38485.

For Sale - 4 Holstein heifers, due beginning of Jan. 3 grades, 1 purebred by Creek, bred to Gemini, 215-693-5221, Berks Co.

Wanted - Rollaway chicken nests, 3 bottom plow 16". For Sale - 3 horse air comp. and 500 gal. tank. Lanc. Co. 717-768-8359.

For Sale or Trade for quarter horse, 16 ha thoroughbred X, 11 yr. old bay mare, sensible. Chester Co. 215-489-2751.

For Sale - Mixed hay at barn, no rain, $90 a ton, will help to load. Adams Co. 717-528-4281.

For Sale - Bulk milk tanks: 210 gal. Mojonnier, 350 gal. Esco, stainless steel, $1 per gal. 302-994-9462, New Castle Co.

Wanted - 1954-1955 Ford 239 V8 pickup truck engine - New Castle Co., DE 302-731-4364.

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REAL ESTATE

Bradford County dairy, 35 tie stalls, new Patz cleaner, large steel building, 70 acres tillable, 50 acres pasture. 717-569-0381

19+ acre farm, almost new barn for raising 120 veal calves, all equipment included, green house for hygroponic tomatoes, large welding shop, 8 room house, oil, hot water heat, $105,000. 717-933-8019

Wanted to rent - Dairy farm. Will consider buying cows and machinery, all options considered, prefer parlor. 215-766-7521.

For Rent - Small dairy farm, 130 acres, 85 tillable, silo and feeder. Cumberland County. 717-776-5456

Land for Sale - 134 acres near Cooperstown, NY, mostly woods, very secluded, $200 per acre. 607-829-8259

68 acre dairy farm in Snyder Co., 24 stanchions, good buildings and large 5 bedroom home, possibility of 10% financing, $165,000. 717-837-2358

Wooded area, 15 acres, located RD 1, Richfield, PA $14,500. 717-694-3130

Southwest Georgia Farms, Dairies and Timberlands. Contact Don Butts, Day Realty, Albany, GA (912) 435-6271

FREE CATALOG! Describing numerous Pennsylvania farms, camps, acreage tracts, cottages, homes and businesses. Write Dept. LF, WEST REAL ESTATE AGENCY, INC., 5528 William Flynn Highway, Gibsonia, PA 15044.

FARM-SPRING-SHOP

Bedford area; 60-acre general farm; 3-bedroom farmhouse with enclosed porch; gravity-flow spring water; range & dishwasher; A-1 shop building 24x36; barn 30x50; poultry house 10x20; paved road; excellent hunting; all mineral rights. $48,000. No. 4791 WEST REAL ESTATE AGENCY, INC., R.D. #5, Box 99, Bedford, PA 15522. (814) 623-8594

20+ acres on outskirts of Coudersport, Potter Co., $750 an acre. 50-687 acres in northern Potter Co. at Genesee, $295-500 an acre. Financing with 25% down at 10% interest, Wm. Hess, broker. 717-665-2914 or 665-5427

Perry Co. modern operating dairy, 145 acres, 130 tillable, 66 tie stalls, pipeline milker, 1000 gall. tank, 50x100 loafing barn w/55' bunk feeder, 2-20 x 60 silos, 1-20 x 38 Harvestore, modern 4 bedroom dwelling BKR 717-859-1004 or 717-733-8107

For Sale - Dairy or Beef Farm. 240 acres, 100 tillable, operating 50 cow [illegible] in 1982. Good house [illegible] barn, $135,000. Bradford County, Kerr & Crawford, Realtors. 12 Main St., Towanda, PA 18848 (717) 265-5868

For Rent - Dairy farm in Huntingdon Co. Grade A milk market, approx. 100 acres tillable. New upright silo, large trench, stanchions and free stall housing. Separate heifer housing. Write to Lancaster Farming, PO Box 366 D-21, Lititz, PA 17543

For Sale - 50 acre hog and steer farm in high state of cultivation. West Earl Twp., Lanc. Co. 717-354-8933

For Sale by owner, 360 acre dairy farm, 155 acres tillable, 95 tie stalls on pipeline, 1000 gal. bulk tank, heifer barn, attached machine shed, 2 20x50 silos w/unloaders, good 10 room house, 2 bedroom trailer, located in Central NY, $130,000. Write PO Box 366 J-259, c/o Lancaster Farming, Lititz, PA 17543

REAL ESTATE

For Sale - Lebanon County Farms, 79 acre hog or beef farm $269,000 - fifty five acre beef farm $179,000 owner financing, a four acre farmette $49,900 ten acres of woodland $25,000 and a 150 acre Berks County farm $205,000. Write for brochure: Nelson Ebersole-Realtor Auctioneer 717-867-4487 Suburban Realty, 30 West Main St., Annville, Pa. 17003

Dairy farm with 6 cow milking parlor, 48 cow free stall barn, heifer barn, 16'x65' Marietta silo with cement bunker spring fed stream running through pasture. 119 acres with 85 tillable. Large 4 bedroom house, 2 full baths and attached summer house. 2 full baths and attached summer kitchen, located in the Turbotville, Pa. area. $150,000.00 Call 717-546-2233 or 546-2313

90 acre Farm with stone home, shop attached, banked dairy barn, 3 apartments in detached building. Gross rental potential over $20,000 per year, zoned industrial, must be sold, $360,000.00 Call ARA Real Estate at 215-857-2141.

For Sale - 3½ acres of fenced pasture and barn w/6 stalls. For appointment only 302-284-9327

For rent - complete modern dairy facility in southern Lancaster Co. Cows and machinery could also be available. Contact Don 717-284-4796

Berks Co. Poultry Farm For Sale - 20 to 50 acres available. 35,000 bird layer house on contract, excellent condition. 2 bedroom mobile home or will sell entire 60 acre farm. 215-562-7776

Central New York farm w/riding ring, dog kennel, 50 acres tillable, 70 acres woods, pond, four streams. Restored farm house at roads end. Lang Real Estate, 315-696-9018

CHOICE PERRY COUNTY FARM - 195 total acres, 105 tillable acres. Balance timber and meadow, stream & springs. Buildings excellent! Approximately 2 miles Northwest of New Bloomfield. Call 717-653-1488 for more information.

General Farm for sale, Hancocks Bridge, NJ. 237 acres, 175 tillable, remodeled two story house, new 42'x72' Morton machinery building, excellent deer and goose hunting, low taxes, $1500 per acre. Owner selling. Richard Hinchman 609-935-4179

Newly listed turnkey vineyard and beef operation. 40 acres producing grapes with good market. Varieties are Concord, Niagara, Baco, Delaware, Aurora, & Siebel. 3 barns, house, pond. 170 acres total. Century 21 Four Seasons, Penn Yan. (315) 536-7456

For Rent - Complete veal raising facility, with housing good family opportunity. Call manager. 201-832-2905

38½ acre farm. Beautifully restored farmhouse, ranch house, bank barn, fencing plus much more. (1490) Snodgrass Realtors Better Homes and Gardens 301-838-9288

180 ACRE DAIRY FARM - 160 tillable acres, 56 cow main barn w/pipeline, 2 silos plus heifer barn to tie 37 head. Intensely cultivated soil has great yields of corn and alfalfa. Excellent remodeled house w/modern kitchen and bath, new septic system and wood/oil heat. $225,000. Century 21, Countryside Realty, Earlville, NY 13332. 315-691-2071

REAL ESTATE

2 Farms consisting of 120 acres of very fertile land, 2 sets of buildings for sale by the owner, John Strawbridge. 301-996-2022.

Huntingdon Co. 168 acre crop and beef farm, 100 acres tillable, good soil, well fertilized, 3 bedroom farmhouse, alum. siding, tenant house, lg. bank barn, river frontage, immediate occupancy, under $1,000 an acre. 814-643-4446 eve.

50 acre farm for sale within Mennonite area. 25 acres in rye, rest could be farmed. Robert Hopkins, owner. Penn Yan, NY 315-536-8092

94 acre hog and tobacco farm in Lancaster Co. Facilities include 100 sow farrow wing unit and tobacco scaffolding for 10 acres of tobacco. Property includes large bank barn, stone dwelling and 85 tillable acres in a high state of cultivation. Financing available. Ask for the Lancaster branch manager, 1-717-291-1855

For Lease - outstanding 330 acre dairy farm in Southern Tier NYS. Harvestore and other silos, 70 cow barn and other buildings. 607-849-6097.

Snyder Co., Chapman Twp., 130 acres general farm, approx. 100 acres tillable, 2 story frame dwelling, bank barn, outbuildings. Asking $1,000 per acre or best offer. Must settle estate. 717-374-8333. 215-822-3822

2 Adjoining Farms in Franklin Co.
77 and 105 acres, Amish farms nearby, and 71 acres of woodland
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88 plus acres of Duffield soil in Franklin County. Modern hog operation with farrow to finish accommodations.

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NEW FREE UNITED FARM CATALOG — Fall-Winter issue. Many properties OWNER FINANCED from 9% annual percentage rate. Call now!

ONLY $12,400 DOWN...Owner financing on this 122-acre abandoned Pa. farm. Creek, springs, about 20 acres tillable, 80 woods. 3 bdrm farmhouse, barn, garage-shop. On hiway. Action priced at $62,000, terms as above. See PHOTOS in catalog!

DAIRYMAN'S LUCKY FIND... Productive 612-acre N.Y. farm with about 500 acres tillable. 320-ft. long dairy barn, double-5 milking parlor, bulk tank, 3 silos with unloaders, other barns. Attractive 9-bedroom colonial home with 3rd floor cupola, new wood furnace with backup system, good 7-room home. On hiway. Too good to miss at $250,000.

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REAL ESTATE

If you're looking for a farm, land or have any other real estate needs, you'll find what you want in the Real Estate classifieds. 717-394-3047 or 717-626-1164.

FARM FOR SALE

125 acre dairy farm along Middle Creek in Snyder County. Hagerstown and Washington silt loam soil, 36 cow stanchion barn, room for expansion, pipeline, bulk tank, gutter cleaner, silo, machinery shed, corn cribs included. House recently remodeled. Owner financing available.

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May your New Year be blooming with lots of good things for you and yours!

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139 W. High St., Carlisle, Pa.
Ph. (717) 243-6195

WIMPLE REALTORS... STATEWIDE FARMS

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PRIME SOILS NEAR COBLESKILL: 265 acres rich honeoye soils in a very pleasant setting. Excellent barn has 60 stalls on pipeline, 14x42 and 20x50 silos w/unloaders, 44 heifer ties, calf nursery. Large 4 bay shed. Many extras. Attractive Colonial home w/fireplace. INCLUDES 60 Holstein milkers, (some registered), 50 Y.S., 3 large tractors and extensive machinery line. DETAILED PHOTO BROCHURE. $350,000 or will sell bare.

IMPOSSIBLE: 306 acres near Cooperstown with 3 bedroom home with central heat and pole barn. PUT ON YOUR RUNNING SHOES! JUST LISTED AT $45,000 WITH $2,250 DOWN! CALL WIMPLE'S SLOANSVILLE OFFICE: 518-875-6355

CENTRAL NEW YORK

EXTREMELY WELL MANAGED & MAINTAINED 220 acre farm near Utica has 150 acres tillable and nice-laying land. Barn has 65 stalls on Surge pipeline, 2 large Harvestors and 1 cement silo, heifer facilities. 40x80 machinery barn. Nice 4 bedroom home. INCLUDES 55 Holstein milkers, 20 bred & open heifers, 15 calves, 3 lrg. tractors, all machinery. $330,000 with owner terms. CALL WIMPLE'S SLOANSVILLE OFFICE: 518-875-6355.

ST. LAWRENCE VALLEY

LOW PRICE FOR LARGE FARM: 530 acres with 260 tillable and the balance mostly pasture. Barn has 2" Surge pipeline & 48 stalls, cleaner, 2 unloader silos. Good 4 bedroom home. 2nd set of buildings & home on other side of farm. INCLUDES: 40 milkers, complete line of machinery for $220,000. MANY OTHERS AT WIMPLE'S GOUVERNEUR OFFICE: 315-287-4163

WELL OVER 300 OPERATING NYS DAIRY FARMS OF ALL PRICES. ALSO ALL PRICES. FREE DAIRY CATALOGUES. TELL US YOUR NEEDS. IF WE DON'T HAVE IT, WE KNOW SOMEONE WHO DOES.

REAL ESTATE

For Sale - 3 bedroom house and grocery store with snack bar, country setting, North Lancaster Co. For further information write 305 Lexington Rd., Lititz, PA 17543 or call 717-626-2995

REAL ESTATE

Tioga County 65 acre farm with stream, barn, new slaughter house. Ranch style home with 3 bedrooms, 1½ baths, 2 car garage. 717-724-3768. Call 717-724-3853. evenings and weekends.

REAL ESTATE

Greenhouses, set up for hydroponic vegetable production. 7,800 square feet. Fall crop now in progress. Ranch home on 11.9 acres meadow, stream on property. All for $155,000. 215-384-1157

126 acre dairy farm with large 2 story home, new dairy house, new milking barn for 30 cows, new poured concrete silo, 16x60' bank barn, 2 wells, lots of road frontage near Mercersburg. Possible assumeable loan at low interest rate. Asking $164,900.00.

315 acre dairy or beef farm, good location, good well, stream, lots of pasture, modern home, large barn, covered barn yard for loafing, 3 silos, 2 unloaders, bulk feeder with auger. Owner will finance at low interest rate. Asking $295,000.00.

Heyworth Realty
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301-733-3701
Lawrence Stouffer - 717-597-2584

FOR SALE BY OWNER
(New on the Market)

Approx. 130 acres of gently rolling fields in a high state of cultivation. Two sides of property bordered by large stream, over 1/3 mi frontage on major Rd., 17 acres hog fenced, sml. piece wooded. Located in Franklin Co., PA, just a short distance from exit 14 of the Penna. Turnpike. Property lies between two mountains making some of the best deer hunting and most beautiful scenery in all of Pennsylvania. Low taxes, friendly Amish neighbors, and local services make this a great buy at just $1400 an acre for personal, farm, or development possibilities. Call 717-349-7424 for confidential showing

Farmette in Lebanon Co.
Lg. house and barn, 4½ acres. Partial financing available. $75,000.

88 Acre Dairy Farm
in Lebanon Co. Good financing available. $280,000.

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call Howard Gross at
717-933-4304

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AUCTION OR BROKERAGE?

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UNION COUNTY

Dairy operation with milking parlor, 127 acres in high state of cultivation with exc. buildings, 5 bedroom brick dwelling. Owner will finance.

Beef farm or develop into chicken, dairy or hog operation. Great potential, level fields, 1½ story home. Within reach of your pocketbook at $100,000. Owner will finance this one also.

YORK COUNTY

12 acre farmette with a 4 bedroom ranch house oil heat + a wood burner for economical living. There is a large steel building only a few years old with box stalls and loose housing for steers or cows. Private setting and in excellent condition. Priced under replacement costs at $109,900.00 and nicely located with seclusion.

NORTHUMBERLAND COUNTY

115 acre general farm with 2½ story brick house in excellent condition with central oil heat. This farm has 2 silos but no barn. An excellent time to make it what you want. You could build a dairy, beef, hog or chicken operation. This one has excellent owner financing terms. You'll need to call as this one shouldn't last long at $139,900.00

If you are thinking of buying or selling a farm or farmland call Sandy today. He will be glad to serve you in any county.

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24 acres in Chester County, 200 year old house, barn & 3 car garage/shop, excellent condition, immediate possession, owner financing available.
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Dairy Farm
320 acre dairy farm with jugging operation, nicely located in N.E. U.S.A. Everything goes. Lock, stock and barrel. For confidential info. call Mr. Long, Stimmel-Graul Realtors, P.O. Box 1883, Allentown, PA 18105
215-434-4878

64 STANCHION DAIRY FARM
284 acres, 160 acres tillable, level for farming, 90 acres woods, 24x70 silo, 2 Agway machine sheds, large shed 120x36', 1,000 gal. bulk tank, nice house, $295,000

BRADFORD COUNTY
Troy, Rt. 6, 30'x40' 2½ story block building, ideal for camp, on lot 100'x300'

LANCASTER COUNTY
Bowmansville, 3 bedroom stone and frame house, 2 fireplaces, on 20 acres of woods.

EAST END NITTANY VALLEY CLINTON CO.
112 acres general farm, limestone, 60 acres farmed, more can be farmed, 28 acres pasture, owner financing, $165,000

Donald R. Witwer,
Broker
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215-267-7963

REAL ESTATE

LANCASTER CO.
64 Acre Limestone Dairy farm. 57 Acres tillable. Good double house; Barn for Cows & Steers. Attractive Owner Financing.

BERKS CO.
108 Acre Dairy Farm. 90 Acres tillable. Large Meadow & Stream. Barn w/51 Stanchions, room for heifers, etc. Nice House. All buildings in good repair. Priced to Sell.

CUMBERLAND CO.
102 Acre Limestone Dairy Farm. Large Milking Parlor, 68 Free Stalls, 3 Silos. Nice set-up for cows. Assumable Mortgage.

BERKS CO.
103 Acre Steer & Hog Farm. 75 Acres tillable. Terrain level to very gentle slope. Buildings need some work. Priced to Sell.

YORK CO.
135 Acre General Farm. 90 Acres tillable - remainder in woodland. Buildings need work. Owner Financing.

Horning Farm Agency, Inc.
Main St., Morgantown, PA
215-286-5183

BOLTON & MOON, INC.
301-838-2651 Eves. 301-838-8454

ACTIVE DAIRY FARM: 194 ac. in high state of cultivation. Beautiful stone/frame home, 2 tenant houses, 2 barns, large garage, corn crib, silos, etc. Good market location.

EXC. HORSE TRAILS on this 82 ac. farm w/4 BR stone Col., 2 baths, bank barn, other outbldgs., stream.

116 ACRE DAIRY BREEDING FARM IDEAL FOR INVESTOR COWS

Investors came from all over the world to view cows at this facility. Fantastic opportunity for the investor-breeder. This is one of the finest dairy breeding facilities in the east. The farm features 60-tie stall main barn, epoxy walls, automatic ventilation. Patz cleaner, new milk house and herdsman office. 1 yr. old 100+ heifer barn w/automatic locking gates, 1 yr-old 32 stall calf barn (this calf barn was featured in several magazine articles), 3 yr. old calfing & bull barn. 2 silos and large trench silo, approx. 16,000' of fencing, machinery build. & many utility builds. all in very good cond. 2 houses on property - main house almost completely restored w/new wiring, furnace, kitchen, bath, etc. This farm produced some of the finest dairy cows in the world, including several #97s. Farm couldn't be duplicated at this price. $487,200.

HORSE FARMS
Horse boarding/breeding farm, located near Bethlehem. Over $700/month existing income from boarding. 12 stall pole barn w/water & electricity. 11 acres renovated stone farmhouse, $116,000.

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FARMS & LAND

F1-235 Mini farm, 16 acres, mostly tillable, in Union Co. 1½ story house w/fireplace. Bank barn & more. Only $65,000.

F1-2-29 4½ acre poultry farm in Snyder Co. 2 story house, 3 story poultry house which includes fans, waterers, chain feeders, aux. power unit, exc. $110,000.

R1-2-119 From hummingbirds to Canada geese. Enjoy them daily on this 56 acre bird paradise includes 25 acre lake. Close to town. Lovely brick ranch home. Great retirement place. Only $92,500.

L1-2-38 60 acres mountain land in Southern Montour Co. $27,000.

F1-2-34 Snyder County Amish farm. 126 acres. Over 80 acres tillable. 20 acres permanent pasture. $115,000.

F1-2-31 Dairy farm w/cows and machinery in Union County. 140 acres w/over 100 acres of excellent tillable soils. All for only $324,000. Or buy farm only. Some owner financing.

F1-2-28 10 acre turkey farm. Modern. Over 76,000 square feet of floor space. Dirt floors. 45 KW auxilliary power included. Union County $390,000

F1-2-23 Dairy farm in Union Co. Good producing farm with 3 silos and unloaders. 102 free stall barn, bank barn, etc. 1000 gal. bulk tank, pipeline milking system, 75 acres approx. 65 acres tillable, class II and III soils. $199,000.

F1-2-25 Union Co. 50 acre general farm. Limestone Twp. near White Springs. 35 acre tillable. Excellent producer $100,000. Road frontage near Selinsgrove on U.S. Rt. 522. With or without buildings Excellent business location. High traffic area.

Other Farms Also Available

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NORTHCENTRAL PA. FARMS & INVESTMENTS
Priced To Sell — Priced To Sell

47 acres with stream, partially wooded, frontage on black top road, septic approval, owner financing, $31,900.00 B-151 PH: 717-265-3171.

DAIRY OPERATION
92 large comfort stalls facing in. Set up for round hay bales. New milking equipment with energy saver. 1250 gal. Surge tank 20x60 silo w/unloader. 5 bay machine shed. 16x34 shop, 28x50 heifer barn, 2 barn cleaners. 225 acres all tillable and pasture. $195,000. M-452 PH: 717-662-2138.

DAIRY FARM
157 acre operating dairy farm, almost new barn, 46 stalls, S.S. pipeline, barn cleaner, 650 tank, 4 DeLaval milking units. 15'x34' Seal Stor lease silo. Large machinery shed. 8 room partially remodeled house. Possible mortgage assumption of $115,000.00 Priced at $165,000 W-605 717-724-5921

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TOWANDA, Bridge St - 265-3171
TROY, 41 Lycoming St. 717-673-3298
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REAL ESTATE

Juniata County Dairy Farm. Quiet location overlooking river. 200 acres, 145 tillable, 12 pasture, 40+ woodland. Top producing riverbottom, 38 acres presently in alfalfa. 40 cow tie stall barn. New 2" Boumatic pipeline with thermostor water heater. 800 gal. bulk tank. 20'x60' silo with Patz unloader, 12'x35' silo. Other buildings include 35'x46' heifer shed, 36'x60' Butler building, 36'x50' frame machine shed with 11 calf hutches, 24'x43' corn shed, corn crib, small tool shed. Large 4 bedroom stone house w/wood or coal heat, attached summer kitchen. $280,000. Phone (717) 527-2228.

HAPPY NEW YEAR

NEW LISTING
York Co., stone farm house, good cond., 135 acres, 120 good tillage acres, priced at $374,900. Loads of road frontage.

General Farms
Cumberland Co. working dairy farm, in the Newville area. 27 tie stalls, great set-up for a family farm. 85 tillable acres, 126 total acres. Large implement shed, pond, priced to sell at $198,000.

Starter dairy farm in a fertile valley, near Mennonite schools and churches, 2 unit home, great beginning farm, Snyder-Juniata Co. area, $84,900

Montgomery Co. dairy farm - stone home, 5,000' road frontage, sewer, price $250,000.

General Farms
Produce farm off of Route 11 and 15. Brick home, large bank barn, pond & lovely setting. 100 acres, Juniata Co., price reduced to $130,000.

York Co. farm, 51 acres, 38 tillable, pond, stream, nice setting, frame home. Price $145,500.

Good Soil in York Co. 173 acres, 70 tillable, no buildings. Priced to sell at $175,000.

Farmette Snyder Co. 10 acres, w/frame home, plus barn, priced to sell at only $45,000

Danville area, 108 acres of land, 70 tillable, frame home, good soil, owner says sell, priced at only $97,000. Would make a terrific Christmas tree farm.

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Exceptional farm, 35 acres, $79,000

400 acre vegetable or general farm, new machine shed, 2 large barns, irrigation ponds, exceptional home $500,000

75 acre farm, nice 3 bedroom home, bank barn, 30 tillable, 30 pasture, balance wooded, $72,000

Low payments first year, no money down will buy this farm. 270 acres, 165 tillable, 30 pasture, exc. soil, 4 bedroom home, bank barn & machine shed.

Modern 450 acre beef & broiler set up, mostly all tillable, prime level ground, 2 homes, $900,000.

Amish neighbors - 130 acres, 60 tillable, 30 pasture, balance wooded, bank barn, 10x50 & 16x50 silo, grain storage, 32x80 barn $150,000.

Lykens Valley Farm 110 Acres, 90 tillable, nice home, possible terms. $210,000.

62± acre general farm, 12 room home, coal or oil heat, bank barn, $75,000.

BRADFORD CO.
192 acre operating dairy farm, 150 acres, 3 silos. Possible owner financing at $245,000.

Large amounts of different size acres for sale

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Wishing A Happy New Year To All!

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MONTOUR CO.

57 acre general farm, high state of cultivation, approx. 3500' road frontage, strategic location, lovely site. 9% mortgage. $130,000.

Henry Gehman, realtor
215-445-6653

FARM FOR SALE

126 acres in Lancaster Co. on Mine Road near Gap, will subdivide.
Also, an N5 AC gleaner combine.

For info. call
717-442-9549

HAPPY NEW YEAR

New Listing

130 tie stalls in new barn, plus 73 stalls in old barn - double six parlor - two 25x80 Harvestores, one 20x70. Beautiful house with pool. Total of 286 acres limestone soil, priced right with financing available. Also included in this sale is a 2nd set of farm buildings - Large brick farmhouse (remodeled) and huge obsolete dairy barn.

Mr. Buyer: The farm listed above and any other farms on the market can be seen in "living detail" in your living room or office thus saving you many days looking at farms. **Mr. Seller:** You too can take advantage of the above described concept of exposing farms to potential buyers. Both of you need to call today for details of the services our company offers you.

Lancaster County

Modern 46 cow dairy with everything needed for a successful operation. 20x76 - 12x55 - 10x50 silos - 800 gallon bulk tank - heifer barn - tobacco shed - corn barn. 2 story frame house. All on 66 acres of limestone soil. Highly motivated seller.

300 beef and 50,000 broiler setup. A real nice one man operation. Contracts available on beef and broilers.

Dauphin County

220 acre beef and broiler farm with a record corn crop. Huge "antique" brick farmhouse very nicely remodeled. Financing available.

York County

Hog operation - 1200 unit Nebraska setup with manure pit. 40 ton Mix-Mill - grain dryer and additional bank barn. Frame 2 story house in good condition.

Bradford County

192 acre dairy farm w/62 stanchions.
2 story house in good condition.

Huntingdon County

97 acre general farm with huge bank barn, corn barn and silo. Also has brick farmhouse and large frame tenant house. River bottom soil - "45 bushel soybeans." All for only $115,000.

FARM & HOME REAL ESTATE
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717-291-2270

Sylvester Baum, Carlisle, 717-776-3967
Harlan Keener, Willow Street, 717-464-2669
Mahlon Oberholtzer, Lancaster, 717-392-1177

Broker-J. Irvin Denlinger, 717-898-8962

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See our detailed ad in the December 18 and January 8 issues.
Please call or write our office for detailed farm list.

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Also licensed in DE, MD & NJ

$160,000 Complete farm. 43 cows, 30 heifers, 4 tractors, grinder mixer, 155 acres, 82 tillable, good 40 tie stall barn. Milks in double three DeLaval parlor with weigh jars. 30x80 bunker silo, excellent milk house, nice 4 bedroom house. Not in snow belt. Owner will lease 75 extra tillable acres. Owner finance.

Excellent 95 cow barn, double loop 2" pipeline, over 160 tillable acres. Good alfalfa, large 5 bedroom house, shop, etc. Asking $250,000, open for all offers. A BEST BUY.

325 acres, 225 tillable, excellent high lime cash crop land. Rated at 130 bushel corn, 6 ton alfalfa. Very good house, Grain storage. Asking $170,000. Wants to move by Spring. Below appraised value.

Call or write:

LAKE COUNTRY FARMS
Harry Pettingill, Jr. Broker
2158 Route 89
Seneca Falls, N.Y. 13148
Phone 315-568-9708

FARM FOR SALE

120 Ac. M/L Prime Open Land - 2 sets of Bldgs.
Norrisville, Harford Co., MD

Don't miss this opportunity to buy a Farm set-up for Livestock Breeding that can't be beat! Currently owned and operated by John E. Strawbridge, of Strawbridge and McCleary, Grand Champion Showman of Yorkshire and Hampshire Swine, the property backs up the Mason-Dixon Line off New Park Road, east of Md. Rte. #23 (Norrisville Rd.) in Harford County, Maryland. The 120 ac. m/l of gently rolling land is of excellent limestone/loam soil with approx. 1 acre of woodland. The Main House is solid brick, approx. 150 years old, with 3 bedrooms on the second floor, one with a fireplace, Living Rm. w/Fireplace, Parlor w/Fireplace, Kitchen, Pantry, 1½ baths, full attic and basement. There is on-site well-water and septic and an oil-fired hot water heating system. The Tenant House is a 2-story frame house w/asbestos shingle siding and slate roof. There is no bath in the tenant house but there is running water from an on-site well, Country Kitchen, Dining Rm., and Living Rm., on the first Floor and 5 bedrooms on the second floor. The Farm Outbuildings include a Block and Frame Barn with Metal Roof, Corn Crib, Smoke House, Spring House, Storage Sheds and numerous livestock sheds, frame with metal roof, from 24 ft. x 60 ft. to 12 ft. x 20 ft. in size. The farm must be seen to be appreciated. Owner financing available to qualified buyer or WILL TRADE FOR SMALLER FARM. $315,000.00.

Call John H. O'Neill or Aimee C. O'Neill, Agents for Paul L. Glackin, Inc. Realtor
301-838-6980 301-836-2324

CENTRAL PA FARM LISTINGS

BEDFORD COUNTY

GAME FARM & FISH HATCHERY -368 acre property - 200 acres fenced for private or commercial big game hunting preserve. Warm water fish hatchery, 30 spring fed ponds, 10 acre lake, lodge, trout stream, 40 campsites, road frontage

BLAIR COUNTY

GENERAL FARM - 131 acres (106 productive, tillabie, 25 woodland & pasture), near Williamsburg. Solid 2-story frame house and bank barn ideally suited for livestock. Buildings are centrally located on land. Price $159,000

CENTRE COUNTY

GENERAL FARM - 123 acres (45 tillable, 32 pasture, 44 woodland) Excellent water supply. 2-story frame house, mostly remodeled, 30'x60' high clearance pole building Yarnell area. $119,500.

DAIRY FARM, 136 acres, (113 tillable, balance pasture,) sound 2 story dwelling, excellent dairy facilities, including modern 1 story dairy barn w/52 tie stalls and attached free stall heifer barn w/40 stalls, 3 concrete stave silos w/unloaders and 2 story bank barn in addition. Pond. $299,000

TWO LISTINGS - 2 MILES EAST OF REBERSBURG

10 ACRE FARMETTE - frontage on Rt. 192. Sound 2 story house, new 30' x 60' 2 story barn & garage. Nice laying land. Suitable for a limited acreage dairy operation with the adjacent barn listed below $52,500 45 acres of woodland also available.

2 STORY BANK BARN, 41' x 90' with a 40' x 45' attachment The barn has 27 tie stalls & an attached milkhouse 2 silos, 12' x 50' & 10' x 35', 2 implement sheds. 2 acres of land included. Small additional acreage available. $35,000. Adjacent to the farmette above.

GENERAL FARM - 105 Acre 92 acre highly productive tillable land, 15 acres pasture and woodland. Very good house, barn, garage, stream. Nittany Valley near Hublersburg. Reduced to $169,500. Also available as 93 acres (92 tillable) without buildings $117,500. Owner Financing.

GENERAL FARM - 215 acres in Curtin Township near Romola, adjacent to Sproul State Forest. Picturesque with tillable and wooded acreage, 2-story house, 2-car garage, very good condition. Stream provides water for house and pond Excellent investment, ideal for horses or recreation. $150,000 Owner financing.

GENERAL OR HOG FARM - Near Spring Mills, 75 acres (30 tillable, 12 pasture and 33 woodland) 2-story frame house, 40'x70' bank barn with 29'x39' attachment, 2 corn cribs. Barn equipped for farrowing and finishing hogs Small stream. Approximately 18 miles from State College. $92,500

CLINTON COUNTY

GENERAL FARM 183 acres near Loganton. 83 acres productive tillable land, 9 acres pasture, 89 acres woodland Very good 2 story frame house, large bank barn, garage, hog pen. Small stream, well & 2 springs. Joins state forest land $172,500, owner financing.

COLUMBIA COUNTY

HOG AND BEEF FARM - 233 acres (130 productive tillable land, 19 pasture, 79 woodland) Excellent house, good barn adapted for farrowing and finishing hogs, outbuildings, nice setting 10% owner financing $275,000.

HUNTINGDON COUNTY

LIVESTOCK FARM - 419 acres (approx. 220 acres tillable, 140 acres pasture, 59 acres woodland). Buildings include a brick home, 2 barns, garage, 2 silos, 2 large euipment sheds 3 ponds are situated near the buildings $345,000 Owner Financing

DAIRY FARM - 330 acres, (175 productive Hagerstown tillable, 125 pasture & 30 woodland) 3 dwellings, large bank barn with 36 tie stalls & pipeline milker, 2 concrete stave silos with unloaders & miscellaneous outbuildings. Dairy facilities are less than 2 yrs old. Spring water $295,000. Owner Financing

GENERAL FARM, 185 acres, (95 tillable, 24 pasture, 62 woodland) 2 story log constructed dwelling with frame attachment, bank barn, implement shed, outbuildings, 2 ponds, stream. $148,000

GENERAL FARM 218 acres, (80 clear land, balance wooded) Petersburg, refinished 2½ story house, 2 story bank barn, garage and outbuildings. Several springs, $164,500

LYCOMING COUNTY

LIVESTOCK OR DAIRY FARM - Near Lairdsville. 270 acres (165 level, very highly productive tillable) Good 2 story house, bank barn, 60 x 120' cattle barn, suitable for freestalls, 20 x 60' Harvestore, 2 streams Owner financing $325,000

MIFFLIN COUNTY

GENERAL FARM - 75 acres (63 tillable) balance pasture and woodland. A very nice 2-story house in a picturesque setting. Includes bank barn suitable for livestock or horses $115,000

DAIRY FARM - 90 acres, (75 tillable, 9 pasture, 6 woodland) 2- story frame and stone house, bank barn with 18 tie stalls, milk house, 14x60' silo, small stream Near McVeytown. Good road frontage $148,500

DAIRY FARM - 91 acres, (60 tillable, 3 pasture, 28 woodland). Frame house, tenant house, milking barn with 32 tie stalls, freestall barn with 60 free stalls, 20'x60' & 16'x60' silos, implement shed and shop Near McVeytown $200,000

NORTHUMBERLAND COUNTY

GENERAL OR LIVESTOCK FARM - 105 acres. (100 acres highly productive tillable land. 3 acres pasture), excellent road frontage 2-story house, barn & outbuildings $185,000, owner financing

MANY LAND PARCELS AND FARMETTES AVAILABLE.

CALL OR WRITE FOR FREE LIST.
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Fred Strouse (814) 364-1705
Don Myers (814) 422-8[illegible]1
Mel Rockey (814) 466-6688
(Lewisburg) Larry W. Platt (717) 568-5563
(Bedford) Richard D. Reed (814) 839-4271
(Huntingdon) Rachel Port (814) 669-4194

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Cattle, antelope may share costly disease

FORT COLLINS, Colo. — Researchers in Colorado and Wyoming are studying antelope to see whether the animals get the transmit to cattle a disease that causes infertility in cattle.

"When wildlife and domestic ruminants share the same habitat, they may be swapping a disease back and forth," said Michael T. Collins, colorado State University microbiologist. Collins is part of a multi-agency team that has proven that antelope acquire and keep the specific organism that causes leptospirosis in cattle.

The disease, common to cattle and costly to the livestock industry, recently has shown up in some wild antelope in Colorado and Wyoming, Collins said. It apparently is transmitted through contaminated water supplies.

Collins, Colorado Division of Wildlife researcher William J. Adrian and Tom Thorne of Wyoming Game and Fish Department are studying how the disease progresses in antelope. The National Animal Disease Center in Ames, Iowa, is helping with the analysis.

Antelope fawns, raised from birth at the Wyoming division's Sybille facility north of Laramie, were infected with the disease at age 3 months last August. For the past six months, Thorne and his assistants have drawn blood and urine samples which were analyzed mostly by CSU mircobiologists.

Research so far has shown that antelope could transmit the disease to cattle, said Thorne, a wildlife research veterinarian.

Researchers knew that cattle transmit leptospirosis through their urine, either by direct contact or by contaminating shallow, alakline water sources where the disease-causing organism can survive and be picked up by other animals.

There is no proof that antelope transmit the disease to cattle. However, research suggests that the disease organism survives in antelope urine, so antelope are a potential source of the disease, Thorne said. "The incidence is so much higher in cattle that we are sure cattle are the original source. Cattle brought the disease in."

Thorne said leptospirosis progresses differently in antelope than it does in cattle. While many cattle lost their appetite and appear sick, "antelope have shown no clinical symptoms of the disease."

This spring, the team will give the disease to 10 pregnant antelope does to see if it causes them to abort, as it does cattle.

The project began in 1980 when Colorado wildlife researcher William Adrian observed the disease in antelope through a system the Colorado division developed to monitor diseases in game animals.

Each year licensed hunters receive blood sample collection kits in the mail. They are asked to obtain a blood sample at the time of their kill and to mail it to the state's Federal Cooperative Brucellosis Laboratory.

Adrian approached Collins for help after lab personnel saw positive test results in antelope blood samples, Collins said.

Collins, Adrian, epidemiologist John S. Reif and graduate student Theresa Ann Gallegos studied cattle and antelope blood samples. Tests showed that the two species get the same disease.

To confirm the results, they reproduced the disease in tame antelope housed at the Wyoming facility. The Wyoming Game and Fish Department raises tame wildlife for research.

"You have to work with tame antelope because wild antelope never settle down and adapt to captivity," Collins explained. Because stress is a contributing factor to most diseases, "the stress factor would complicate the research."

Knowing that the two species can share the disease will help wildlife managers and cattle producers, Thorne said. "For instance, if managers want to transplant antelope to an area and these antelope test positive for leptospirosis, the managers probably would not transplant the antelope if cattle and antelope in the area don't have the disease. You don't want to transmit a disease into a clean area."

Researchers also can inform wildlife managers in the field on how the disease progresses and its effects on herd mortality and reproduction, Thorne said.

Also, if several infected antelope are found in an area, "we can tell stockmen and they can take precautions to protect their cattle," Thorne said.

Collins said it's important to learn the role wild animals play in diseases of their domestic neighbors because this role can complicate efforts to control diseases. "For instance, if antelope can transmit leptospirosis, you might get rid of it in cattle but the antelope could give it back."

Valley Wide Farm tops Centre DHIA

PLEASANT GAP — The Centre County Dairy Herd Improvement Association held their annual meeting on December 9 at the Logan Grange Hall, Pleasant Gap. Russel C. Seward, County Agent, reported that several County dairymen were honored.

A plaque for the 800 pound highest herd went to Valley Wide Farm, Spring Mills, R.D.2, The herd of 77 cows had 21,095 pounds of milk and 819 pounds fat.

Other awards given are as follows: A trophy for the highest increase in production went to Richard and James Graham, Port Matilda, for 4,460 pounds of milk and 118 pounds of fat.

George Homan and Sons, Centre Hall, R.D.2, received a trophy for Cow No. 67 for high butterfat with 27,329 pounds of milk and 1,151 pounds fat.

James and Susan Howes, Warriors Mark, R.D.1, received a trophy for a cow named Dawfin for high milk with 32,099 pounds of milk and 1,020 pounds fat.

A plaque for the highest lifetime production went to George and Ron Zimmerman, Bellefonte, R.D.2, for a cow named Amy who had 253,014 pounds of milk and 9,893 pounds fat in 11 lactations.

A new award presented this year to the herd with the lowest Somatic Cell County average for the year went to Richard Trinca, Rebersburg, R.D., for an annual average SCC of 117,000.

Ronald Rishel, Rebersburg, a D.H.I.A. Supervisor, was also presented a plaque for his 25 years of service and dedication to the Centre County D.H.I.A. Program.

PUBLIC AUCTION
SAT. JAN. 8
at 10:30 A.M.
Tractor & Machinery Consignment Auction
to be held at our place of business on the corners of Rt. 38 and 38B, Newark Valley, NY
Approximately 25 tractors, plus all types of farm and construction machinery and trucks.
Call or write auction company for brochure.
Consignments welcome.
Sale managed by
Goodrich Auction Service
Newark Valley, NY
607-642-8688 or 8519
GOODRICH AUCTION SERVICE
Door prize - New 3 pt. blade
Sale held Rain, Snow, Shine

PUBLIC SALE
Hi Grade Holstein Herd - Milking Equipment
Horse Drawn Farm Machinery - Feed
Horses - Shop Tools
THURSDAY, JANUARY 27, 1983
9:30 A.M.
Located in Lancaster County, PA - 7 miles east of Lancaster City in the village of Bird-in-Hand. From Route 340, turn north at railroad underpass, 1st farm

47 Head **HOLSTEIN DAIRY CATTLE** 47 Head
33 MILK COWS — 14 HEIFERS
4 due February, 2 March, 17 bred for fall freshening, balance in all stages of lactation, 14 open heifers sired by A-1 and Pure Bred Herd Bull. Cows bred A-1 and herd size. Herd presently milking over 50 lb. per cow a day. An opportunity to buy young milking animals with good udders and type.

MILKING EQUIPMENT
600 gallon Girton tank; 24 h.p. Deutz diesel; 3 h.p. Lehigh compressor; 4 unit Bou-Matic vacuum pump; 3 DeLaval milker units; 50 lb. pails; Sterling pulsators, shut off claws; 30 gallon gas water heater; stainless steel tubs; dairy table; Bender washer; Agway Breeding wheel; milk scales; Sputnick milk transporter.

FARM EQUIPMENT
2 Oliver trailer plows, 16 in. single bottom, 14 in. 2 bottom; John Deere 24 disc harrow; 3 section spring tooth harrow; New Holland 455 bar mower 7 ft.; New Idea crimper; New Holland 256 rake, rubber att. teeth; Grimm tedder; New Holland 273 baler super sweep, engine overhauled; Zimmerman 32 ft. elevator; 30 ft. hydraulic hoses; hydraulic pump; flat bed wagon; John Deere 999 corn planter with J.D. plateless units and liquid fertilizer tank and attachments; New Idea 323 corn picker; gravity bin on gear; 13 disc grain drill; boom sprayer; 110 gallon poly tank; New Holland 202 manure spreader; Pequea tank spreader; 28 ft. Smoker manure elevator; Allis Chalmers 35 h.p. power unit; scraper blade mounts on fore cart; Minnick tobacco press; 2 hay racks mineral feeder; 300 gallon fuel tank; 600 tomato baskets; approx. 40 ton ear corn; corn fodder; approx. 30 ft. corn silage in 14x60.

SHOP TOOLS
150 amp Lincoln welder; metal cutting band saw, like new; 35 in. press brake with hydraulic cylinder and hydraulic controls and gauge; welding table; vise; 72 hole stocked metal bolt bin; table saw.

10 HEAD SORRELL WORK HORSES & COLTS
HARNESS
1 - 9 year old gelding, 4 head 8 - 9 yr. mares, 3 in foal all well broke, good size and conformation. Belgium stud; 1 colt 2 year old green broke; 2 - 18 month old colts; 1 - 8 month old colt; Jack mule, good size; 6 set heavy harness; collars and bridles; lines; etc.; 4 - 6 horse hitch; single, double, and triple trees; few small items not mentioned.
Owners:
JOHN & LYDIA STOLTZFUS
Auctioneer
Steve Petersheim - 717-786-4624
Not Responsible For Accidents
Lunch on Premises

FARM DISPERSAL
SATURDAY, JANUARY 8, 1983
10:00 A.M.
130 HEAD SHEEP
20 FEEDER CALVES
FULL LINE OF MACHINERY
Sale wil be held on our farm, Barber Hill Road, Groveland, New York; 12 miles north of Dansville, New York; 60 miles north of Corning, New York in Livingston County. Take Rt. 17 to Rt. 390 in Dansville; then take Rt. 63 north to Groveland Station and follow auction arrows.
SHEEP: Being disabled in a farm accident this fall, Mr. Bertrand will sell his entire flock of Suffolk ewes due to lamb in March. There are 75 head of mature grade ewes. Also, 18 registered ewes and 42 head of fancy ewe lambs of which 23 are registered. This is a well established flock selected for years of profit. Lamb crop is consistently near 200%. Take special note of these ewe lambs: they are Mayne breeding and are extra nice.
CATTLE: From the McKelvy farm we will sell 20 head of Hereford feeder calves.
ALSO MACHINERY: A full line of farm equipment owned by the Farmer's Home Administration.
Sale order: Machinery first - Cattle about 11:15 - Sheep about 11:45
Terms: Cash or good check with ID on sale day.
Roy Teitsworth Inc.
Sales Managers & Auctioneers
Geneseo, New York 14454
716-243-1563

PUBLIC AUCTION
COLLECTABLE AND HOUSEHOLD ITEMS
FRIDAY, JANUARY 14, 1983
At 9:00 A.M.
Located just off Rt. 999 West at 365 Old Blue Rock Road. Take Blue Rock Street (Rt. 999 West) off Manor Ave. Millersville, Pa. Auction is app. one mile out of town.
Items consist of Frigadaire electric range, Whirlpool washer and dryer, one drawer stand, Windsor arm chair, Early cabrial leg table frame, Plank-bottom chairs, Lydia Barr 1809 book plate and other book plates, Pa. Dutch folk art water colored paper cutting, 1878 sampler, John Miller quill drawing, dove-tailed boxes, graduated wooden spice boxes, Tea leaf lustre ironstone, beer steins, dog head cane, Marble top wash stand, Kerosene lamps, Victorian frames, Love feast mugs from Lancaster Moravian Church, stick spatter plates, Davensport blue plates, Breininger slipware, redware bean pot, tin candle mold, tin cheese molds, baskets, Bennington type bowls, iron train engine, butter mold, glassware, stemware, (Late Adams: platter, cups and saucers, vegetable dishes, dinner and sandwich plates) fine Hepplewhite style dining room suite (c. 1920 mahogany) Nippon bowls, Crystal Lamps, app. 100 pcs. Sterling silver flatware, tableware and candle holders, ruby glass, pattern glass, Early and late pewter, B&G plates 1964-near current, Early Victorian sofa, Ladies and Gents Victorian Chairs, Braided rugs, Phoenix china, Blue decorated crock, Marble top tables, copper lustre pitchers, Antique clothing, Costume jewelry, Records, Blanket chest, books, Albums, Slant top desk (c. 1920-30, Wicker vanity, Bedroom suite (c. 1940) Bookcase bed, Chest of drawers, Coverlett, Foreign stamps, Trunks, Tools, Rope bed, Garden tools, Ladders, Fishing rods, Benches, Lawn Boy solid state 21" mower.
Sale by,
ROBERT GIRVIN
E.M. Murry Associates
287 Lime Rock Road
Lititz, PA 17543
Elmer Murry 626-5244 - 626-2636
Richard Murry 626-8175 - 949-2280
Ken Miller 665-2073
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VAN HEUSEN'S
COMPLETE DISPERSAL
"ONE OF 1983'S LARGEST DISPERSALS"
LOCATION- AT
ROCK STREAM, N.Y., YATES CO.
7 miles South of Dundee, N.Y. - 10 miles North of Watkins Glen, N.Y. (4 miles West of Rt. 14)
SATURDAY, JAN. 8, 1983
(Blizzard Date - Tuesday, Jan. 11, 1983)
at 10 o'clock

98 HEAD REGISTERED & GRADE HOLSTEIN DAIRY CATTLE SELL 98
10 REGISTERED 88 GRADES
INTERSTATE TESTED
MACHINERY & EQUIPMENT
CLAY SILO UNLOADER FOR 24 FT. SILO
(used 1 season)
SHOP EQUIPMENT
TERMS: Cash or approved check sale day.
Owners,
GEORGE & JOAN VAN HEUSEN

D. O. Rockwell & Associates, Sale Managers
Troy, Pa. Phone 717-297-3460

LUNCH AVAILABLE

Public Sales Register
Closing Date - Monday, 5:00 P.M.
of each week's publication

JANUARY

SAT. JAN. 1 - 9:00 A.M. Farmersville, Auction in Farmersville, New Year's Day Antique Sale, 3 mi. East of Brownstown, Lancaster County, Pa. John J. Rutt, Auctioneer

SAT. JAN. 1 - 10:30 A.M. Public Sale of Farm Equipment. Located at R.D. 1, Mohrsville, Centre Twp., Berks Co. Aden K. and Anna Mary Oberholtzer, Owners. Horning Farm Agency, Inc., Auctioneers.

SAT. JAN. 1 - 10:30 A.M. Public Sale of Farm Equipment, Storage Bins and Trucks. Located taking Rt. 74 south from Dillsburg off Rt. 15 to Rt. 194 south to 1st road on right, only 2 mi. from Dillsburg, Pa. Albert L. Glenn, Owner, Blaine N. Rentzel, Auctioneer

TUES. JAN. 4- 12 Noon, Public Sale of Vineyard Equipment. Located at the farm, 8 mi. north of Hammondsport or 12 mi. south of Penn Yan, just off Rt. 54 on Grove Springs Rd. Mr. and Mrs. Richard Barney, Owner. Pirrung Auctioneers.

WED. JAN. 5 - 6:15 P.M. Public Sale of Oriental Rugs, Wooden Duck Decoys and Furniture. Located at the General Sutter Inn, Broad ad Main Sts., Lititz, PA. E.M. Murry Associates, Auctioneers.

THURS. JAN. 6 - 11:00 A.M. Monthly Cow Sale at Mel Kolb, Inc. Lancaster Farm, 2220 Dairy Road, Lancaster, Pa.

PUBLIC AUCTION
COMPLETE LINE OF VEGETABLE FARM EQUIPMENT
SAT. JAN. 15, 1983
9:00 A.M.

Just off Rt. 130 - turn East off Rt. 130 at Lucas Ford, go 3 miles on right.

Selling for
EDWARD HARRIS
Columbus-Burlington Rd. (543)
Burlington, NJ

Richard P. Allen, Auctioneer
609-267-8382
Full Listing Next Week

BANKRUPTCY AUCTION
SATURDAY, JANUARY 8, 1983
At 10:00 A.M.

1082 Eisenhower Blvd., just off Swatara Exit #1 of I-283, East of Hbg., Pa. Selling several bankruptcy lots, estate lot, and secured party transaction.

EQUIPMENT
Ford 3000 Tractor w/Front End Loader, 1964 Chevy Truck w/Mounted Ford Engine Sterling Auger/Digger, 1976 Dodge One Ton Stake Body Truck, Tag-A-Long Low Boy Trailer, Ingersoll Rand Air Compressor, Yale 5000 Lb. Forklift, Airco MIG Welder, Power Digger, Air Drill, Other Related Items.

FENCING INVENTORY & TOOLS
Hundreds of Rolls of Chain Link Fence New & Used, Galvanized Pipe Stock, Guardrail, Mesh Fence, Posts, Caps, Hardware, Parts Bins, Acetylene Outfit, Saws, Drills, Hand Tools, Hard Hats, Chain Bonders, Angle Iron, Scrap Metal, Related Fence Accessories.

OFFICE EQUIPMENT & FURNITURE
AB Dick 901 Copier, Four 4 Drawer File Cabinets, Double Door Floor Safe, Executive Desk, 3 Metal Office Desks, 10 Office Chairs, Phonemate, Locking Files, 4 Metal Storage Cabinets, 3 Calculators, Checkwriter, Tray Files, Sofa, Bookshelf, Credenza, Lamps and Office Accessories.

BANKRUPTCY #1-82-00496

SEFCO, INC.
LEON HALLER, Trustee

TRACTOR TRUCKS CARS
1975 Marmon Dual Axle Conventional Tractor w/Sleeper, 15 Speed Trans w/Detroit Diesel 292 Engine, Recently Overhauled, 1981 Ford Escort, 2 Ford Fuel Oil Tank Trucks, Several Ford Vans and Storage Trailers. To be sold at 1:00 P.M. From the Estate of Warner Lewis, Commonwealth National Bank - Recovery Department.

BONDS
Two $500.00 Hbg. Area Industrial Development Corp. Bonds, 25 yr. 2½% Debenture Due 1/1/90 & 1/1/91, To be sold at 12:00 Noon.

BANKRUPTCY #1-80-00314

LEON HALLER
Trustee for Doutrich & Company

TERMS: Cash Travellers Checks. Positively NO OUT OF STATE CHECKS. Complete payment day of auction. If roads are impassable auction will be Monday January 10, 1983.

KERRY PAE AUCTIONEERS
327 N. Front Street
Harrisburg, PA 17101
(717) 236-3752

AUCTION SALE
FARM MACHINERY, TRUCK TRACTOR ANTIQUE FARM TRUCK NO-TILL PLANTER

After over 50 years of farming, Mr. and Mrs. Otis G. Esham have decided to retire and will sell at public auction all of the following items on

SATURDAY, JANUARY 8, 1983
10:00 A.M.
NITHSDALE

Pemberton Drive, Salisbury, Maryland
Directions: Take Route 50 to Salisbury, go west on Md. Rt. 349, go 100 yards, turn left on Pemberton Drive, go approximately 5 miles. NITHSDALE is on left and has large sign at lane.

1929 Chevrolet farm truck 1½ ton, originally purchased by Mr. Esham's father, in excellent condition, almost 100% original. Massey Ferguson 265 (1979) dual power, 700 hours, 16.9 x 28, power adjust wheels, differential lock, ex. cond.

Massey Ferguson 510 combine, diesel, cab-air, hydrostatic drive, 16' floating cutter bar, hydro reel, 2255 hours, 23.1 x 36, ex. cond. Allis Chalmers 185, 2667 hours, single remote, 1974, 16.9 x 38 tires, very good. Gleaner II combine, w/cab, gas, year round, floating cutter bar 13', 18.4 x 26 tires, plus 3 row 30" corn head.

Case Model D350 wide track crawler w/Case backhoe attachment, 1068 hours, very good.

1966 International Fleetstar 2000 tractor w/220 Cummings engine, 10 speed, Road Ranger, 6 wheels, Md. inspected, very good. 1967 - 40' Fruehauf grain trailer, rebuilt landing gear, Md. inspected, very good. Rain Master PTO irrigation pump 6' intake 6' out, Model TT 35-55-R, ex. cond. 140 pieces of 6' irrigation pipe w/attached ends, 30' long. 1947 Chevrolet truck, 10 wheel, 6 cyl. 1946 Chevrolet truck, 8 wheel, 6 cyl. 1975 Jeep CJ-5, 28,000 miles, Md. inspected, ex. cond. 1976 Thunderbird. 1971 Chevrolet Kingswood Wagon. AC No-till planter 8-20" row, new hopper and units in 1981, exc. cond.

John Deere 694AN 6 row narrow planter. AC-36 blade transport disc, 9" space. 6' JD rotary mower, very good. Brillion 16' crowsfoot, 3 year old. JD pull type 5 x 16 plows. Trencher PTO, 3 pt. hitch, very good. Ford 4x16 plow. 3 pt. hitch, round bale lift. International 6 row tool bar cultivator. Large quantity of L's, T's. MF 3 pt. hitch scoop, new. WD 45 with 3 x 16 plows. JD 15' old style rotary hoe. Pull type grader. 17 hog gates, pipe & metal. 8 wheel trailer, heavy frame. Hog loading ramp. International Drott loader for parts. Several Irrigation gun stands.

Terms: Cash or good check on day of sale.

Pete Richardson Auction Sales
P.O. Box 51, Willards, Md. 21874
Phones: (301) 546-2425 Office
(301) 742-6220 Home
(301) 742-0110 Ext. 813 Mobile

Neighbor cooperation improves conservation

GETTYSBURG — Water is no respecter of property lines. One landowner's soil erosion problem is often the result of water flows which start beyond the property line. An uncorrected erosion problem on one owner's field sometimes leaves a neighbor with the deposited mud to clean up. When neighbors work together on controlling erosion and improving drainage, the conservation effort is more effective.

"There have been several conservation jobs in Adams County where neighbors have cooperated," reported Deborah Spain, conservation technician at the Gettysburg office of the Soil Conservation Service.

"Most of these cases have involved tile drainage" she explains. "Many times a farmer has a wet spot in the field that is the result of seepage originating in a nearby field. The owner of the field with the seepage may be unable to install drainage for lack of an outlet. If the two owners cooperate and install the tile lines in both fields, both neighbors will benefit."

Cooperation can improve other conservation practices also. When a diversion channel is installed to intercept surface water, it can extend across the entire hill, instead of stopping at a fencerow. The advantage of combining jobs is that only one outlet is needed. In addition, the expenses can be shared on a cost per foot basis, says Spain.

When a stripcropping layout is installed on a farm the farmer frequently removes fencerows to combine fields and improve the strip layout. If a landowner who is not a farmer rents fields to a neighboring farmer with an adjoining field, the strip cropping can be established to continue across both fields.

"Farm neighbors have traditionally shared labor and machinery. If we start considering conservation work in terms of water drainage patterns, instead of property boundaries, we can improve the effectiveness of many practices. Cooperative neighbors can benefit greatly from improved fields," Spain noted.

For further information on the installation of soil and water conservation practices contact the local Soil Conservation Service.

PUBLIC SALE
On the farm located off Route 340 between Jefferson and Brunswick on St. Mark's Road, Frederick Co., Md. Take the Petersville-Brunswick exit off Route 340, go west on Route 180 about 2 miles to St. Mark's Road, turn onto St. Mark's Road and follow this road to second farm on the left (former Smith farm).

THURSDAY, JANUARY 6
10:30 A.M.

MACHINERY AND CATTLE
MACHINERY: Tractor: No. 806 tractor w/cab, diesel, wide front end. Hay Equipment: New Holland Haybine 7' cut, 9' Hesston hay rake, N.H. No. 269 Baler with kicker, 2 hay wagons w/high sides, Little Giant 40' hay and grain elevator. Ensilage Equipment: Int. No. 650 forage chopper w/3 heads, 30" corn head, direct cut head, pickup head and electric head controls; 2 Int. No. 120 self-unloading wagons w/roof on 8 ton running gear, N.H. Model 27 blower w/40 ft. of 9" pipe. Miscellaneous: J.D. disc (24 disc), Massey-Ferguson No. 205 manure spreader, wooden drag, 2 fuel pumps w/270 gal. tanks, Gandy att. for baler or blower, round bale metal hay rack, 6 gates of various lengths like new. Dairy Equipment: All of this equipment is like new: DeLaval milker pump Model 76 w/3 h.p. motor and vacuum tank, hot water heater (52 gal.), s.s. 2-section wash tank, s.s. sink, towel dispender.

FEED: Appr. 90 tons of corn silage, hay and straw left at sale time.

60 HEAD OF DAIRY CATTLE
40 Holstein Cows - 2 Jersey Cows
18 Heifers of All Ages

Tested within 30 days of sale for Bangs and T.B. Pregnancy examined by vet. The cows have good size and type and are capable of good production. Heifers have all been home raised, some are A.I. sired.

Sales Manager's Note: An excellent place to purchase equipment, it is in very good condition. No tools or small items selling. The cattle have not been forced, but are a good group to choose from.

Terms: Cash or bonafide check on day of sale.

Owner,
EDWARD VAN STEINBURG
Route 2, Box 77
Knoxville, MD 21758

Sale Manager
REMSBURG SALE SERVICE
P.O. Box 177
Jefferson, Md. 21755
Phone: 301-473-8214

Sale Reports

A public sale of machinery and household goods was held Dec. 18 by Clarence and Laura Varnes, 5 miles east of Gap in Chester Co.

Items sold included: N.I. #17 manure spreader $550, Columbian Palace range $710, 10 pc. dining room suite $160, Singer sewing machine $100, dry sink $240, apple peeler $30 and 2 Union Pacific locomotives $75 each.

Auctioneer was Steve Petersheim.

xxx

A public sale of farm real estate was held Dec. 21 near Shippensburg, Southampton Twp., Cumberland Co.

The 80-acre farm was sold to two buyers for $115,300. Both men are residents of Cumberland Co.

Elam Reiff bought 37 acres of farmland including all buildings located on the south side of Route 696 for $45,500.

David A. Martin bought the balance of farmland and woodland on the south side of Interstate 81 and the north side of Route 696 for $69,800.

Daniel D. Hershey was the auctioneer.

Public Sales Register

Closing Date - Monday, 5:00 P.M.
of each week's publication

THURS. JAN. 6 - 6 P.M. Public Sale of Showroom Quality Furnishings, Antiques, Cadillac and Coins. Located at Guernsey Barn, 5 mi. east of Lancaster on Rt. 30. John Peck Estate. Claude F. and V. Ronald Smith, Auctioneers.

THURS. JAN. 6 - 10:30 A.M. Public Sale of Machinery and Cattle located off Rt. 340 between Jefferson and Brunswick on St. Mark's Rd., Frederick Co., MD. Sale by Edward Van Steinburg. Remsburg Sale Service.

FRI. JAN. 7 - 5:30 P.M. Gap Auction. Antiques and Household Goods sold at every auction Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers.

FRI. JAN. 7 - 10 A.M. Horse Sale at New Holland Sales Stables, Inc , 12 Miles East of Lancaster, Pa just off Rt. 23, New Holland, Pa. For more information contact Abe Diffenbach, Mgr. 717-354-4341 or Norman Kolb 717-397-5538

SAT. JAN. 8 Consignment Auction of Used Farm Tractors and Equipment at our place of business on corner of Rt. 38 and 38B, Newark Valley, NY Sale by Goodrich Auction Service 607-642-8688

SAT. JAN. 8 - 10 A.M Public Sale of Equipment, Fencing Inventory, Tools, Office Equipment, Furniture, Tractor, Trucks, Cars and Bonds Located at 1082 Eisenhower Blvd , just off Swatara Exit #1 of 1-283, East of Hbg , PA. Sefco Inc and Doutrich and Co and Estate of Warener Lewis Kerry Pae Auctioneers.

SAT JAN 8 - 12 Noon Public Sale of Cattle Located 15 mi. north of Carlisle on Rt 74, 2½ mi northeast of Landisburg, Perry Co , PA V Art Kling, Owner Mark Glick, Auct

SAT JAN 8 - 10 A.M Farm Dispersal located Barber Hill Rd , Groveland, NY. 12 mi north of Dansville, NY, 60 mi north of Corning, NY in Livingston Co. Take Rt 17 to Rt 390 in Dansville, then take Rt 63 north to Groveland Station and follow arrows. Roy Teitsworth Inc Sale Mgrs and Auctioneers

SAT JAN 8 - 10 A M Auction of Farm Machinery, Truck Tractor, Antique Farm Truck, No Till planter, etc. Located on Pemberton Drive, Salisbury, MD Take Rt 50 to Salisbury, go west on MD Rt 349, to 100 yards, turn left on Pemberton Dr , go approx 5 mi Pete Richardson Auction Sales

SAT JAN 8 - 10 A M Public Sale of Cattle Located at Rock Stream, NY, Yates Co , 7 mi. south of Dundee, NY, 10 mi north of Watkins Glen, NY, 4 mi west of Rt 14 George and Joan Van Heusen, Owners D O Rockwell and Associates, Auctioneers

MON AND TUES JAN 10 and 11 - 10 A M Public Sale of Swine Located at Farm Show Building, Harrisburg, PA, Small Arena PA All Breed Bred Gilt Sale Harry Bachman, Auctioneer

TUES JAN 11 - 12 30 sharp 4th Annual Draft Horse and Mule Consignment Sale located at Kingsport Livestock Market, just off Hwy 11-W Mack Blevins and Danny Mouser, Auctioneers

WED JAN 12 11 A M Public Sale of Real Estate Located along Peach Bottom Rd , R D 2, Willow Street, West Lampeter Twp., Lanc. Co., PA. Take 22 south of Lancaster to Willow Street Diner and Burkholder's Used Car Lot, continue south on 222 one block to Peach Bottom Rd., turn right to sale. Mr. and Mrs. Abram H. Huber, Owners. Howard Shaub and Roy C. Probst, Auctioneers.

FRI JAN 14 - 5:30 P.M. Gap Auction. Antiques and Household Goods sold at every auction. Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI AND SAT. JAN. 14 and 15 10 A.M. Public Sale of Furniture, Primitives, Wood, Iron, Tin, Dolls, Quilts, Household Goods and Glassware. Located in Al Starr Community Building, Village of Willow Street, PA, south of Lancaster along northbound Rt. 272 behind new fire hall. Mr. and Mrs. Abram H. Huber, Owners. Howard Shaub and Roy C. Probst, Auctioneers

SAT. JAN. 15 - 9:30 A.M. Public Sale of Antiques, Oriental Rugs and Collectables. Located at the Brickerville Fire Hall, 1 block off Rt. 322, 6 mi. west of the town of Ephrata. E.M. Murry Associates, Auctioneers.

SAT. JAN. 15 - 9 A.M. Public Sale of Complete Line of Vegetable Farm Equipment. Located just off Rt. 130, turn east off Rt. 130 at Lucas Ford, go 3 mi. on right, Columbus-Burlington Rd., Burlington, NJ. Sale by Edward Harris. Richard Allen, Auctioneer

PUBLIC AUCTION

Very large selection of Oriental Rugs, Wooden Duck Decoys, Antique and Reproduction Furniture.

WEDNESDAY, JANUARY 5, 1983
6:15 P.M.

At the General Sutter Inn, Broad and Main Streets, Lititz, Pa.

Oriental Rugs: a vast and exciting selection of oriental rugs, beyond a doubt the largest and best ever offered in Lancaster County. Rugs vary in age from antique to present, rugs are all hand made of wool in the countries of Persia, China, Turkey, India, Pakistan and others.

Furniture Antique and Reproduction: Marble top tables, benches, rockers, pedestals, tables and stands, app. 20 to 25 wooden duck decoys.

Attention: to dealers, collectors and interior decorators. Don't miss this golden opportunity to supply your rug needs. Free punch and cheese at 5:45 P.M. Special details and list for those who prefer, send self addressed stamped envelope to auctioneers.

No reserves, no dealer rugs, or additional consignment will be accepted on this auction, everything goes to the highest bidder.

We will accept items for February auction. Please call first.

E.M. Murry Associates
287 Lime Rock Road
Lititz, PA 17543
Elmer Murry 626-5244 - 626-2636
Richard Murry 626-8175 - 949-2280
Ken Miller 665-2073
Professional Auctioneers
Appraisers and Advisors
Since 1953

MID-WINTER DAIRY SALE

SATURDAY, JANUARY 8, 1983
12:00 Noon Sharp!

Selling at Art Kling's Sale Barn, located 15 miles North of Carlisle on Route 74, 2½ miles N.E. of Landisburg, Perry Co., Pa.

50 TOP HOLSTEINS 50

Featuring - a load of Canadians - all just fresh or very close.

10 Top Grade Cows & 1st Calf Heifers from Bedford Co. with DHIA Records.

Some of the outstanding individuals offered are:

A Fancy Kitbuilder with 19,000 - due in January to Creek.
A Good Plus Jet Stream just fresh milking in the 80's with 19,700 710 F last lactation.
A V.G. Audets Fond Matt fresh & milking 90 lbs./day with a 21,000 3 yr. record.
A Selling Rockman 2 yr old due in January to Clinton Camp Majesty.
A Good Plus Rocket Kemp just fresh with 4% test.
A Fancy grade Cow Milking 100 lbs/day with 20,955 3.70% 780.

Balance Top Grade Cows & First Calf Heifers - Nearly all fresh - Ready to go to work for you! Few Heifer Calves - Health Charts - IBR Vacc.

V. ART KLING, Owner
R.D. #1, Landisburg, Pa.
717-789-3883
Mark Glick, Auctioneer
Fred Naugle, Pedigrees

PUBLIC AUCTION

MODERN 110 ACRE DAIRY FARM
MODERN FARM EQUIPMENT
TUES. JAN. 18, 1983
at 11:30 A.M.

Between Boyertown and Oley, 2 blocks west of the Village of Pleasantville, turn off Rt. 73 onto Blacktop North to 1st lane right to farm, Berks Co., PA.

REAL ESTATE

110 acre limestone soil dairy farm, approx. 80 acres tillable, balance meadow, pasture, land with large Maxatawny stream flowing through property.

2½ story stone 3 bedroom house with modern kitchen, bath, heat and other conveniences. A large 76 Showease stall barn w/Patz continuous flow gutter cleaner, 800 gallon milk tank and Delaval pipeline milker, larger part of barn recently built, attached milk house and office.

(2) 20'x70' concrete silos, one is airtight with bottom unloader; 14'x35' poured concrete silo, large equipment shed and others, heifer shed, plus cattle shed in pasture. Lot of road frontage. This is a chance to buy a very fine dairy farm.

For inspection call 215-987-3700 between 6-9 A.M. and 4-7 P.M.

Terms - 10% day of auction, balance by March 15, 1983.

Ordered by,
KEVIN L. & LOIS A. HERTZOG
Conducted by
Ralph W. Zettlemoyer Auction Co., Inc.
(215) 395-8084

PUBLIC SALE

OF FARM EQUIPMENT -
SATURDAY, JANUARY 22, 1983
@ 10:00 A.M.

Located along Rothsville Rd., between Rt. 272 and Rt. 772, 1 mile north of Akron, Ephrata R.D. #2.

7 Holstein Heifers, 6 mos.-1 yr. old; Allis Chalmers D17 Tractor; Allis Chalmers 7020 Tractor w/cab, A.C., & weights, 1000 hrs.; Allis Chalmers 5050 Tractor w/loader, 1300 hrs.; Allis Chalmers CA w/Cultivator; Allis Chalmers G w/cultivator; N.H. #354 Grinder Mixer, like new; N.H. #461 Haybine; A.C. 4 row No Till Corn Planter; #2000 Fox Harvester w/PU and 2 row wide Corn Head, 540 RPM, like new; 36' Conveyor; 2 Farm Hand Forage Wagons w/roofs & 10 ton Running Gears; 2 Bale Wagons w/webs, 8' x 18'; Side mtd. A.C. 80S Mower; Zimmerman 32' Bale Elevator; 2 Row N.I. Corn Picker; 16 Hole Oliver Grain Drill; 24' Big Red Bale Elevator; 1000 lb. Platform Scale; A.C. Blower; 13' A.C. Transport Disc; Flat Wagon; Grain Blower; 50' Endless Belt; 10' Miller Transport Disc, like new; 12' Steel Land Roller; 12' Cultimulcher; 3 pt. Wood Splitter; Metal Cement Box; 1000 RPM PTO 55 Kw 3 phase Katolite Generator; 4600 Series 6 cyl. Caterpiller Power Unit; #675 N.H. Tandem Axle Manure Spreader; 12' Dunham Cultimulcher; Int. #700 5 Bottom Auto. Reset Plow; A.C. 4 Bottom Auto. Reset Plow; A.C. B Power Unit; Coby Tandem Axle Manure Spreader; #56 N.H. Hay Rake; Husky Field Spreader w/Plastic Tank; #303 A.C. Baler w/Thrower; 6" Jointer; 8000 Tobacco Lathe; Iron Water Trough, 10'; Dunham 8 Tooth Chisel Plow; N.H. Tank Spreader, as is; Dunham 6' 3 pt. Rotary Mower; 100 Sawed Locust Posts; Zimmerman High Pressure Washer; Breeding Tabulator; Cement Mixer; Stihl SG-17 Hand Sprayer; Anvil; 2 ea. 300 Gal. Steel Drums; Ext. Ladders; Hyd. Cylinders; 3 pt. Post Hole Digger; HOUSEHOLD ITEMS AND ANTIQUES: Iron Kettle Furnace w/2 Kettles & Lids, Made in Brunnerville; Old Meat Grinder; Copper Apple Butter Kettle; Old Safe w/comb. in working order; Several Guns; 2 Hit & Miss Gas Engines; Old Wood Benches; Childs Desk; Old Beds; Quilt Patches; Upright Cabinet; Lights; Rocking Chairs; Sewing Box; Coffee & end Tables; Old Dresser; Old High Chair; Bookcase; Books; New Walnut Hutch Dresser; 2 Yr. old Hoover Sweeper; 6 Chairs; 2 Oak Tables - 1 Ext., & 1 Drop Leaf; 2 Elec. Meat Slicers; Set of Dishes; Pool Table; Forks & Shovels; Nuts & Bolts; Chains, Hand Tools; Items Sold off Wagon.

ORDER OF SALE: Items off Wagon, Household Items, Equipment.

TERMS BY:
MILTON & LIZZIE HORST
Elton & Alvin Horning,
Auctioneers
Horning Farm Agency, Inc.
Main St., Morgantown, Pa. 19543
215-286-5183

PUBLIC AUCTION

CONSTRUCTION EQUIPMENT
CARS, TRUCKS, LOADERS, ETC.
FRIDAY, FEBRUARY 11, 1983
11 A.M.
Felton, Delaware

Attention Contractors & Equipment Dealers
Consignments are now being taken.

Consign Now

Call or write us for consignments forms.

Chester Lee Carroll — Richard B. Carroll
Anthony B. Carroll — Harry Barrett, Jr. Sls. Mgr.

Carroll's Sales Co., Inc.
P.O. Box 307, Felton, Delaware 19943
302/284-4911 302/284-4541

TWO DAY PUBLIC SALE

EARLY ANTIQUE FURNITURE, PRIMITIVES, WOOD, IRON, TIN, DOLLS, LOTS OF QUILTS, HOUSEHOLD GOODS
FRI. JAN. 14
At 10:00

(ANTIQUE GLASSWARE, CHINA, CROCKS, TIN, IRON & WOODEN ARTICLES)
SAT. JAN. 15
At 10:00

(ANTIQUE FURNITURE, GLASSWARE & CHINA, TIN, IRON & WOODEN, DOLLS & QUILTS)
(Furniture will be sold @ 1:00 P.M.)

Sale to be held in Al Starr Community Building, Village of Willow Street, PA. (Loc. south of Lancaster along northbound Rt. 272 behind new fire hall).

Columbia coal cook stove w/bun warmer, coal or wood 2 plate stove; FINE: Walnut early slant top desk w/bracket feet, early high chest of drawers w/OG feet, blanket chest w/German lock & strap hanger, sm. pegtop table w/stretcher base, 2 blanket chests, rope bed w/carved headboard, hall rack w/marble base, round dropleaf ext. table w/boards; CHERRY: 4-leg dropleaf table w/butterfly leaves, fine rope bed, sml. table w/drawer, chest of drawers, etc.; PINE: Pegtop farm table, two early 2 pc. corner cupboards, low dry sink, dbl. lead wood box, 6-leg dropleaf table, slant top secretary desk, lg. low dry sink, 4 jelly cupboards one w/candle holders, dough tray, wash stand, spool bed, etc. Three sets of six plank bottom chairs (w/orig. dec.), Boston Rocker w/orig. decor., Windsor chairs, 4 pc. cottage bedroom suit, spinning wheel, early yarn winders; OAK: McDougall kitchen cabinet, 3 pc. carved hard bottom love seat, rocker & chair set, fine high back swivel desk chair, min. corner cupboard, 6-leg dropleaf table, sq. ext. table, pie crust mantel clock, MAHG. furniture, Sheraton & oak mirrors; Lg. Med. & sm. bride's boxes; BOOKS: 1752 German Bible, 1886 Martyrs Mirror, 1864 Lanc. Co. Atlas, Bottles, Jars, lots of Crocks, fine blue sponge spatter water jug, blue sponge spatter bowl, Slipware crock & mug, Bennington bowls & spittoon, early baskets, items in Iron, wooden, tin & agateware, early butter prints: Eagle, flowers & tree, butchering tools, lanterns, German animals, old toys, old post cards & valentines, 17 fine old patch quilts, blue home spun linens, hand hooked rugs, rag carpet, early pewter, dec. ironstone, min. oil lamps & other fine lamps, cups & saucers in: Florilla, Tyrol, Cleopatra, etc., glassware & china in Flow Blue, Historical. Blue Willow, early Soft Paste, flint, sandwich, blue satin, cobalt blue, sm. A.B.C. plate, German, pink, blue & green depres, green carnival glass, 1906 calendar plate, lustre, blue milk glass, Nippon, milk glass, English, Ironstone, pressed glass pots & pans, Coldspot upright freezer, Frigidaire ref. wringer washer, 3 pc. uph. living room suit, other articles not listed. NO OUT OF STATE CHECKS ACCEPTED. Food served.

Sale by
MR. & MRS. ABRAM H. HUBER
HOWARD SHAUB, 464-3541
& Roy C. Probst,
Auctioneers

PUBLIC AUCTION

SHOWROOM QUALITY FURNISHINGS, ANTIQUES, CADILLAC & COINS REMOVED FROM WHEATLAND ACRES APARTMENTS

THURS., JAN. 6
at 6 P.M.

Guernsey Barn, 5 miles east of Lancaster on Rt. 30.

FURNITURE

Kindel dining room suite w/ext. table, 6 uphl. chairs and large breakfront, Kling mahog. 5 piece bedroom suite w/double bed; Fr. Prov. living room suite w/pr. leather top end tables; pr. gold uphl. swivel rockers, green uphl. recliner, mahog. hi chest of drawers, RCA color TV console, kneehole desk w/solid panel ends and brass pulls; Walnut Victorian gents and side chairs in needlepoint; gold sofa bed, Hitchcock DL table and 4 chairs, Stratton 1 dr table, nice selection of 12 table and desk lamps, triangular end table, pr. tuffed back Victorian arm chairs, Frigidaire side by side refrigerator, Electrolux, card table set, gold chair and audoman, German chime clock (1920), coo coo clock, exercycle, smoking stand, 3 suitcases, elec. blankets and bedspreads, framed needlepoint, Blue Boy, cedar chest, 5 lawn chairs and table, dough tray, 6' walnut mirror, oak high chest & dresser, plank seat rocker & 4 chairs, Empire sofa, hutch, 2 spool tables.

HUMMELS AND FINE CHINA

88 pc. set Theo Haviland Limoges china, 8 Hummels (perfect), 8 cut glass tumblers and 3 dishes, 16 Bonechina cups and saucers, Cloisonne, Barometer, 6 pc. gold dec. iron stone, 6 pc. luste, elephant door stop, Spade, Waterford, RS German and Prussia, Nippon, pr. 1881 HP pcs., Austrian, bronze elephants, signed French cr. and sug., 3 large HP bowls, ruby, hobnail, German, 6 pr. gold dec. salts, 1963 B&G x-mas plate, 13 pc. water set, flo blue, spoon holders and goblets, 5 pc. sterling depression, set of Alvin silverware, Wedgewood, 4 sets Susquehanna handcut crystal, fine collection 52 lmtd. edition plates in original boxes including Georg Jensen, Norman Rockwell, Viletta, Blake, & Limoges.

COINS

At 6 P.M. - Silver Dollars: 1896-O, 1886, 1923, 1922, 1971 Eisenhower; Half Dollars: 1964 and 66 Kennedy, 1834, 1811, 1825, 1824 and 1943; Quarters: Washington 1943, 1841-O, 1854; Dimes: 1881, 1852 (3); Nickels: 1943 P, 1952, 1928 Canada; Pennies 1858 Flying Eagle, 25 Lincoln.

At 8 P.M. - 1974 Cadillac Deluxe Sedan DeVille, 54,000 miles, fully equipped.

Inspection after 3 P.M.

Sale by JOHN PECK ESTATE
Commonwealth National Bank, Exec.
Arnold, Byer and Hornsber, Attys.
Claude F. Smith
V. Ronald Smith, Auctioneers

Public Sales Register

TUES. JAN. 18 - 11:30 A.M. Public Sale of Farm Equipment and Real Estate. Located between Boyertown and Oley, 2 blocks west of the Village of Pleasantville, turn off Rt. 73 onto Blacktop North to 1st lane right to farm, Berks Co., PA. Kevin L. and Lois A. Hertzog, Owners. Ralph W Zettlemoyer Auction Co., Inc.

THURS., JAN. 20 - 11:00 A.M. Monthly Cow Sale at Mel Kolb, Inc., Maryland Farm, Woodsboro, MD

FRI. JAN. 21 - 5:30 P.M. Gap Auction. Antiques and Household Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI. JAN. 21 - 10 A.M. Horse Sale at New Holland Sales Stables, Inc., 12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa. For more information contact Abe Diffenbach, Mgr. 717-354-4341 or Norman Kolb 717-397-5538

FRI. JAN. 21 - 1 P.M. Public Sale of Swine. Located at Brooks End Farm, Beavertown, Pa. Park and Reno Thomas and Mark Stehr, Owners. Dan Baker, Auctioneer

SAT. JAN. 22 - 10 A.M. Public Sale of Farm Equipment. Located near Rothsville. Milton Horst, Owner. Horning Farm Agency, Auctioneers

SAT. JAN. 22 - 10 A.M. Public Sale of Farm Equipment located along Rothsville Rd., between Rt. 272 and 772, 1 mi. north of Akron, Ephrata, RD 2, PA. Sale by Milton and Lizzie Horst. Horning Auctioneers.

FRI. JAN. 28 - 1:30 P.M. Dairy Cattle Sale at Penns Valley Livestock Auction, Centre Hall, PA

FRI. JAN 28 - 5:30 P.M. Gap Auction. Antiques and Household Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers.

FEBRUARY

FRI. FEB. 4 - Public Sale of Farm Equipment at New Holland Sales Stables, Inc., New Holland, Penna

SAT. FEB. 5 - 2 P.M. Public Sale of 2½ Story Frame Dwelling and Barn on 1 Acre of Land. Located at 181 E. Main St., Leola along Rt. 23 in the Village of Bareville, John Henry and Esther H. Weaver, Owners. Robert E. and Jeffrey R. Martin and Frank L. Steller, Auctioneer

FRI. FEB. 11 - 10 A.M. Horse Sale at New Holland Sales Stables, Inc., 12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa. For more information contact Abe Diffenbach, Mgr. 717-354-4341 or Norman Kolb 717-397-5538

FRI. FEB. 11 - 11 A.M. Public Sale of Construction Equipment, Cars, Trucks, Loaders and Etc Located in Felton, DE Carroll's Sales Co., Inc

SAT. FEB. 12 - Public Sale of Farm Machinery, 23 Head Holsteins, Household Goods, Antiques, Ear Corn and Silage. Located 2 mi. east of Gap James and Elizabeth F. Stoltzfoos, Owners. Steve Petersheim, Auctioneer

THURS. FEB. 17 - Public Sale of Holsteins and Farm Machinery. Located in Catawissa, Columbia Co. Amos Lapp, Owner. Steve Petersheim, Auctioneer

SAT. FEB. 19 - 10 A.M. Tack, 11 A.M. Horses. Consignment of all kinds of horses. Located at the Belleville Livestock Market. Special Horse Sale.

SAT. FEB. 19 - Public Sale of Farm Machinery and Cattle. Located ½ mi. east of Honey Brook Amos K. and Lydia B. Blank, Owners. Steve Petersheim, Auctioneer

MON FEB. 21 - Public Sale of Farm Equipment and Tools. Located at R.D 1163 Bethel, Pa. Daryl G and Doris E. Martin, Owners. John E. and Paul E. Martin, Auctioneers

TUES. FEB. 22 - Public Sale of Tractors, Farm Machinery. Along Meadow Valley Road near Ephrata, PA. Sale by Edwin Horning. Horst and Rentzel, Auctioneers.

TUES. FEB. 22 - 10 A.M. Public Sale of Dairy Cows, Farm Equipment, Hay, and Corn. Located approx. 1 mi. southwest of Cambridge, just off Churchtown Rd., Lancaster Co. Terms by David B. and Anna King. Horning Farm Agency, Inc.

PUBLIC SALE

OF REAL ESTATE
(Sm. 6 Acre Farm)
OLD HAND TOOLS, HORSE EQUIP., CROCKS
WED. JAN. 12
at 11:00

Loc. along Peach Bottom Road, R. D. #2 Willow Street, West Lampeter Twp., Lanc. Co., PA (Dir.: take #222 South of Lancaster to Willow Street Diner & Burkholder's Used Car Lot, continue South on #222 one block to Peach Bottom Road, turn right to sale).

REAL ESTATE: 6.6 acre sm. farm w/lots of road frontage on Peach Bottom Road. 2½ story 10 room & bath frame house. House contains: kitchen w/elec. stove, dining room, 2 living rooms, sun porch & powder room on first floor. 4 bedrooms & utility room on second floor. 2 finished rooms on third floor. Full basement, elec. water heater, well water, city sewage (with city water available). 2 story frame bank barn w/stables & double hay mow, 2-car frame garage, 1½ story frame butchering house & frame hog pen (buildings need repair). Total of 6.6 acres of very nice level ground w/600' feet road frontage along Peach Bottom Road w/city water & sewage running along road (very nice for developing). Property will be open for inspection Fri. Dec. 31 & Sat. Jan. 8 from 10:00 A.M. until 12:00 Noon. Real Estate to be sold at 2:00 P.M.

HORSE EQUIP.: Old corn wagon, cult. & planter, 5' mower, grain drill, single & dbl. trees, harness, collars, hames, 38' wooden ext. ladder, other ladders, bag wagon, single hole corn sheller, etc.

TOOLS: D. Hagen post hole axe, boad axe, ice tongs, Conestoga grease bucket, wheat cradle, draw knives, pulleys, planes, buck saws, bench vise, other misc. tools, items in iron, wooden, copper & lots of lg. & sm. crocks. Other articles not listed. NO OUT OF STATE CHECKS ACCEPTED. Food served.

Sale by
MR. & MRS. ABRAM H. HUBER
Carl G. Herr, Attorney
HOWARD SHAUB, 464-3541
and Roy C. Probst, Auctioneers

PENNSYLVANIA ALL BREED BRED GILT SALE

JAN. 10-11, 1983

Farm Show Bldg. Harrisburg, Pa.
Small Arena
Sale Arena Phone (717)-787-4160

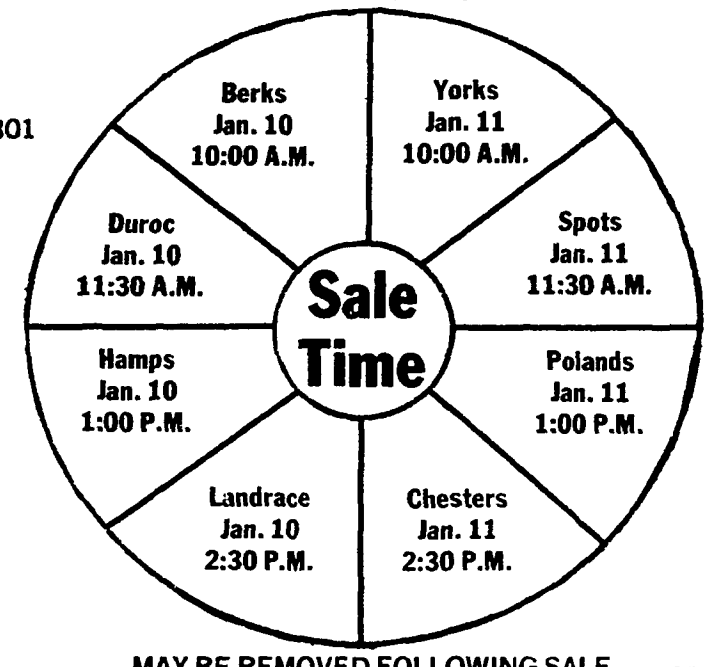
Berkshire:
Arlie Cornbower
#1 Box 41
New Freedom, PA 17349

Chester White:
Charles Griest
Rt. #1
Abbottstown, PA 17301

Duroc:
Rick Pfautz
RD#1
Stevens, PA 17578

Hampshire:
Charles Bomgardner
RD#3 Box 604
Annville, PA 17033

Auctioneer:
HARRY BACHMAN
138 College Ave.,
Annville, PA 17003
Tel. 717-867-1809



MAY BE REMOVED FOLLOWING SALE WHEN SETTLEMENT MADE

Landrace:
Larry Baum
RD3 Box 422
Elizabethtown, PA 17022

Poland:
Keith McConnell
Box 46
Volant, PA 16156

Spotted:
Clair Hartman
Box 222
Gratz, PA 17030

Yorkshire:
Leon Arnold
RD#7 Box 705
Lebanon, PA 17042

PA. CO-OP SWINE BREEDERS ASSN.

Brooks End Farm
Par Kay Farm
"Mother Herds" of the Mother Breeds
Beavertown, Pa. 17813

FULL IRISH INNISCARA GREENBACK 3044
This is our kind of mother. She is the right kind of mother. She is the mother of our $3900.00 top selling bred gilt in our Oct. 1978 sale.

ANNUAL WINTER SALE

At the farm
FRIDAY, JAN. 21
1 P.M.
250 HEAD
100 BRED GILTS
100 OPEN GILTS
50 BOARS
YORKSHIRE - LANDRACE
"THE PIG OF TOMORROW is at OUR PLACE TODAY"

31 years of planned breeding program
31 years of leadership in the swine industry
31 years of winners - SHOW RING - CARCASS - TEST STATION
It is not what we say - It is what the record of proof says.
THE PA SWINE TEST STATION IS 16 YEARS OLD.
OUR 16 years of TESTING at this station in competition with other breeders were good ones.
OUR pigs hold the all-time record for Ham-Loin % for pen average.
OUR pigs hold the all-time record for Loin-Eye Area for pen average.
OUR pigs hold the all-time record for Length of pig.
OUR pigs hold the all-time record for Most Superior Sires Tested.
OUR pigs hold the all-time record for the Most High Indexing Tested boar winners.
OUR records prove more pounds of gain from less feed per day.
THESE RECORDS ARE THE PROOF THAT WE PROFIT ON THE COST END AND ON THE SALES END (DOUBLE PROFIT)
THIS ALL SAYS:
THE PIG OF TOMORROW IS AT OUR PLACE TODAY

YORKSHIRES - LANDRACE - DUROCS

Visit our farms or come to one of our production sales - four each year - Jan., Apr., June and Oct.

Healthy Herds
Pseudorabies & Brucellosis
Certified Free

BROOKS END & PAR-KAY FARMS
Park and Reno Thomas and Mark Stehr,
Beavertown, PA 17813
Phone 717-658-6544-Park
5821-Reno 7007-Mark
Auctioneer: Dan Baker, Lafayette, IN
CATALOGUES AVAILABLE

Public Sales Register

Closing Date - Monday, 5:00 P.M.
of each week's publication

TUES FEB. 22 - Public Sale of Cattle and Farm Machinery. Located 2 mi. east of Strasburg. Jonas E. Fisher, Owner. Steve Petersheim, Auctioneer.

FEB. 23 - Annual Winter Auction at Ag Industrial Equipment, 1207 Telegraph Road, Rt. 273, Rising Sun, MD.

THURS. FEB. 24 - Public Sale of Farm Machinery and Household Antiques Located 2 mi. east of Intercourse. Emanuel Zook, Owner. Steve Petersheim, Auctioneer.

FRI. FEB. 25 - 7 P.M. Horse Sale at New Holland Sales Stables, Inc., 12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa., For more information contact Abe Diffenbach, Mgr. 717-354-4341 or Norman Kolb 717-397-5538

FRI. FEB. 25 - 9 A.M. Public Sale of New Used and Abused Farm Equipment, Tools, Antique Tractors and Engines. Located 10 mi. east of Lancaster between Leola and New Holland, turn off Rt. 23 on S. Groffdale Road, turn left on Musser's School Road, Lancaster Co., PA. Terms by Elias S. Beiler. Auctioneers - Robert E. and Jeffrey R. Martin 656-7770, Frank Steller and Blaine Rentzel.

SAT. FEB. 26 - Public Sale of Farm Equipment and Household Goods. Located along Bridgeville Rd., east of Goodville. Aaron and Mary Shirk, Owners. Nevin Martin and Paul Hurst, Auctioneers.

SAT. FEB. 26 - Public Sale of Farm Machinery. Located 2 mi. west of Honey Brook. Robert Campbell, Owner. Steve Petersheim, Auctioneer.

SAT. FEB. 26 - Public Sale of Farm Equipment. Located along Cloverleaf Rd. just off Rt. 283 at the Rheems-Elizabethtown exit, near the Norlanco Medical Center. Sale by Harlan M. Hoover. Raymond Miller and Rufus Geib, Auctioneers

SAT. FEB. 26 - Public Sale of Farm Equipment Located on Lime Rock Road, ½ mile west of Lititz. Sale by Howard O. Martin. E.M. Murray and Associates, Auctioneers.

SAT. FEB. 26 - 9 A.M. 9th Annual Public Sale of Strasburg Fire Co. Located in Strasburg, Pa. Elvin Siegrist, Auctioneer.

MON. FEB. 28 - Inventory Reduction Auction of New and Used Farm Equipment and Used Lawn and Garden Equipment (no consignments) by Adamstown Equipment, Inc., Adamstown, Pa. John E. and Paul E. Martin Auctioneers

MARCH

THURS. MAR. 3 - 11:00 A.M. Monthly Cow Sale at Mel Kolb, Inc. Lancaster Farm, 2220 Dairy Road, Lancaster, Pa.

THURS. MAR. 3 - 10:00 A.M. Public Auction of Outstanding linemodern John Deere Farm Equipment and other models located along Anch Road, Box 195, Washington Boro, Pa. Sale by Mr. & Mrs. J. Wilmer Eby; Auction conducted by the J. Omar Landis Auction Service, Jay M. Witman and Omar Landis, Auctioneers

WE BUY AND SELL HERDS FOR OUR

REGULAR MONTHLY SALES
HELD IN OUR
STATE APPROVED
HEATED BARNS
AT
SMOKETOWN QUALITY
DAIRY SALES

Located East of Rt. 30 along Rt. 340 near RT. 896, Smoketown, Pa.

IF YOU HAVE A GOOD HERD OF DAIRY COWS TO BE SOLD WE WILL SELL THEM FOR YOU.

WE HAVE THE MARKET FOR YEARLINGS, OPEN HEIFERS AND BRED HEIFERS.

PRIVATE SALES DAILY
WE ARE SELLING DAIRY COWS,
SPRINGING HEIFERS AND
FRESH HEIFERS DAILY EVERY WEEK

"We aim to please and satisfy customers is our first concern". Years of experience.

PHONE 717-393-0930
Gordon W. Fritz, Licensed and Bonded

Good's Auction

111 North Maple Ave.
Leola, PA

Hay, Straw and Corn Sales
Every Wednesday at 12:00 Noon

DAVID H. GOOD & SONS
111 North Maple Ave., Leola
717-656-9558

GAP AUCTION

FRIDAY EVE., JAN. 7
5:30 P.M.

Located off Route 41 - Lancaster Avenue Opposite Turkey Hill Minit Market - Cross RR Bridge.

ANTIQUES AND HOUSEHOLD GOODS
SOLD AT EVERY AUCTION

CONSIGNMENTS ON MONDAYS
FROM 8:00 A.M. to 7:00 P.M.

Call us for pick-up service
IRA STOLTZFUS & SON, Auctioneers
442-4936 or 442-8254

CONDUCTORS ALL TYPES PUBLIC SALES

SPECIAL HORSE SALE
DRAFT HORSES, MULES & DRIVING HORSES
FRIDAY, JANUARY 7, 1983

Tack 9:00 A.M.
Sale 10:00 A.M.

AT NEW HOLLAND
SALES STABLES, INC.

12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa.

2 Load Draft Horses and Mules consigned by Ward Wright.
1 Load Draft Horses consigned by Bud Leonard.
1 Load Draft Horses consigned by Jim Howard.
1 Load Draft Horses consigned by Christ Smucker.
1 Load Draft Horses consigned by Bill Meadows.
1 Load Driving Horses consigned by Clayton Waterbury.
1 Load Driving Horses consigned by Elam B. Stoltzfus.
1 Load Driving Horses consigned by Reuben Stoltzfus.
1 Load Driving Horses consigned by Jonas Beiler.
1 Load Driving Horses consigned by Levi B. Stoltzfus.
1 Load Saddlebred Horses consigned by Ben King.

1 PAIR REGISTERED SORREL MARES - 7 and 8 YEARS OLD IN FOAL

Plus many more consignments.

For more information contact:
Abe Diffenbach, Mgr. 717-354-4341
Norman Kolb 717-397-5538

Next Horse Sale January 21, 1983

Registered & Grade

Tri-Cities 4th Annual Special

DRAFT HORSE & MULE CONSIGNMENT SALE

TUESDAY, JANUARY 11, 1983

Located at Kingsport Livestock Market
Just off Highway 11-W

Sale Starts at 12:30 Sharp

RULES OF SALE: Special Attention - No Riding Type Horses. All Guarantees between Buyer and Seller. All Horses must be in Sale Barn by Midnight, Monday, January 10. All Colts will be sold first. All animals will be fitted with new shipping halters at Seller's expense. "All Horses must be called in for Consignment."

Sale Held In Clean Barn
Reliable Trucking is Available

TERMS OF SALE: Cash, Cashier's Check and Other Check With Proper I.D. and Bank Reference.

5% Commission
$20.00 No Sale
$2.00 Per Head Per Day Feed
$4.00 Shipping Halter

MOTELS:
Ramada Inn — 615-245-0271
Holiday Inn — 615-247-3133
Econo Travel — 615-245-0286
Tri-City Airport is Available

Our past prevous sales have had some top horses, mares and mules. We are expecting a larger consignment of big drafting mules that our past previous sales have produced. So, Mr. Farmer, Dealer or Breeder, if you are looking for top quality stock, don't miss this sale.

Special Attention:
We would like to thank each and every one who has taken part in making our past sales a success. We like to deal in quality over quantity.

MERRY CHRISTMAS & HAPPY NEW YEAR
FROM THE TRI-CITIES HORSE & MULE

AUCTIONEERS:

Mack Blevins
of Elizabethton, TN.

Danny Mouser
of Columbia, KY.

For further information call Billy Cochran at 615-234-4675 or 615-348-7387.

NOT RESPONSIBLE FOR FIRE & THEFT OR ACCIDENTS

Public Sales Register

Closing Date - Monday, 5:00 P.M. of each week's publication

FRI. MAR. 4 - Public Sale of Farm Equipment at New Holland Sales Stables, Inc., New Holland, Penna.

FRI. MARCH 4 - 9 A.M. Consignment of all kinds of machinery. Located at the Belleville Livestock Market. Annual Spring Machinery Sale

SAT. MARCH 5, 1983 Bart Township 19th Annual Fire Co. Sale.

SAT. MARCH 5 - 9.30 A.M. Public Sale of Farm Equipment, Household Goods and Antiques. Located 2 mi north of Bird-in-Hand, turn off Rt. 340 on Beechdale Rd. to Stumptown Rd., turn right, 1st road left on Millcreek School Rd. Elvin W. and Lucinda M. Groff, Owners. Robert E. and Jeffrey R. Martin and Frank Steller, Auctioneers

SAT. MAR. 5 - 10 A.M. Public Sale of Farm Equipment and Household Goods. Located approx. 3 mi. north of Morgantown, along Rt. 10 Caernarvon Twp., Berks Co., PA Terms by Eli Zeiset. Horning Farm Agency Inc.

MON. MARCH 7 - Public Auction of Farm Equipment by Noah W and Barbara A. Wenger Location take Rt. 272 north from Ephrata to Hess Foods. At Hess Foods turn left on Wabash Road, go to crossroads. Straight through crossroads onto Indiantown Road. Go to Wallops Hill Road, turn right to farm on left. John E. and Paul E Martin, Auctioneers

FRI. MAR. 11 - 7 P.M. Horse Sale at New Holland Sales Stables, Inc., 12 Miles East of Lancaster, Pa. just off Rt 23, New Holland, Pa. For more information contact Abe Diffenbach, Mgr. 717-354-4341 or Norman Kolb 717-397-5538

SAT. MARCH 12 - Public Sale of Farm Equipment, Located at 61 Clay Rd., Lititz, PA. Clarence W Weaver, Owner. John E. and Paul E. Martin, Auctioneers.

SAT MARCH 12 - Public Sale of Farm Equipment. Located near Lees crossroad, 6 mi. east of Shippensburg. Charles Strohn, Owner. Nevin Martin and Melvin Sensenig, Auctioneers.

SAT. MAR. 12 - Public Sale of Farm Equipment located between Mt. Joy and Mastersonville along Meadow Road (1 mile SW of Mastersonville) near Chiques Church of the Brethren Sale by Guy Stauffer Rufus K Geib and Raymond Miller, Auctioneers.

SAT MARCH 12 - 8 30 A M Public Sale of Household Goods, Farm Machinery, Livestock, Antiques and Quilts 15th Annual Sale for Gordonville Fire Co Local Auctioneers

MON MARCH 14 - Public Sale of Farm Equipment located along School House Road just east of the Middletown exit of Rt 283. Sale by J. Allen Dehomey estate Raymond Miller and Rufus Geib, Auctioneers.

THURS. MAR. 17 - 11.00 A.M. Monthly Cow Sale at Mel Kolb, Inc., Maryland Farm, Woodsboro, MD

THURS. MARCH 17 - Public Sale of Modern Farm Machinery and Personal Property. Located at the farm, 572 Millway Rd., Lititz, PA, from Lititz go 1 mi. north on Rt. 501, turn east on Newport Rd., 2 mi. to Millway Rd., turn left to farm. Estate of Jesse Balmer. Kline and Kreider, Auctioneers.

FRI. MARCH 18 - 5:30 P.M. Public Sale of Tractors, Trucks and Etc. Located at the Kempton Community Center 12 Auctioneers

SAT. MARCH 19 - Public Sale of Full Line of Farm Equipment located along Route 501 Midway between Lititz and Lancaster Airport known as the Buckwalter Farm. Sale by John Fisher, Rufus K Geib and Raymond Miller, Auctioneers

SAT. MARCH 19 - Public Sale of Cattle and Farm Machinery. Located ½ mi south of Cains Irvin Eberly, Owner. Steve Petersheim, Auctioneer

SAT. MARCH 19 - Public Sale of Farm Equipment Household Goods, and Antiques, Located taking Rt. 30 west from Lancaster to Millersville-Rohrerstown exit, go through Rohrerstown to 1st farm on right Raymond S and Ruth E Brubaker, Owners John E and Paul E Martin, Auctioneers

SAT. MARCH 19 - Public Sale of Farm Equipment and Etc. Located approx 3 mi north of Mount Zion, Lebanon County. Paul S. Hoover, Owner. G. Harvey Weik, Auctioneer

SAT. MARCH 19 - 9 A.M. Public Sale of Farm Equipment and Etc. Located at the Kempton Community Center. 12 Auctioneers 215-756-6511

MON. MARCH 21 - Annual Public Auction of Farm Equipment by M.M. Weaver and Sons, Inc located 4 miles west of New Holland on Route 23, 1½ miles Northeast of Leola on the North Groffdale Road, 1 mile on the right, opposite Groffdale Mennonite Church. John E. and Paul E Martin, Auctioneers

SAT. MARCH 26 - Public Sale of Farm Equipment, Business Equipment, Household Goods and Antiques. Located in York County, 4 mi. south of Cross Keys along Rt. 94. Emma Wetzel Estate. Dennis J. Plukert, Auctioneer

APRIL

THURS APRIL 7 - 11.00 A.M. Monthly Cow Sale at Mel Kolb, Inc. Lancaster Farm, 2220 Dairy Road, Lancaster, Pa.

FRI. APRIL 8 - Public Sale of Farm Equipment at New Holland Sales Stables, Inc. New Holland, Penna.

APRIL 15 - 7 P.M Horse Sale at New Holland Sales Stables, Inc, 12 Miles East of Lancaster, Pa just off Rt. 23, New Holland, Pa For more information contact Abe Diffenbach, Mgr. 717-354-4341 or Norman Kolb 717-397-5538

THURS. APR 21 - 11 00 A.M. Monthly Cow Sale at Mel Kolb, Inc, Maryland Farm, Woodsboro, MD

SAT APR. 23 - 17th Colonial Charolais Spring Sale Located at the fairgrounds, Frederick, MD. Sponsored by the Colonial Charolais Assoc Managed by Buzz Garey, Cattle Sales, Inc, 100 Walnut Lane, Morrisville, PA 19067

FRI APRIL 29 - 6 P M Special Heifer Sale. Located at the Belleville Livestock Market

SAT APRIL 30 - 3rd Annual Spring Public Auction of Hardware Items and Lawn and Garden Equipment by Farmersville Equipment Inc, Farmersville, Pa

MAY

THURS MAY 5 11 00 A.M Monthly Cow Sale at Mel Kolb, Inc. Lancaster Farm, 2220 Dairy Road, Lancaster, Pa

MAY 6 - 7 P M Horse Sale at New Holland Sales Stables, Inc, 12 Miles East of Lancaster, Pa just off Rt 23, New Holland, Pa For more information contact Abe Diffenbach, Mgr. 717-354-4341 or Norman Kolb 717-397-5538

THURS. MAY 19 - 11 00 A.M Monthly Cow Sale at Mel Kolb, Inc, Maryland Farm, Woodsboro, MD

JUNE

THURS JUNE 2 - 11:00 A.M. Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, Pa.

THURS JUNE 16 - 11.00 A.M. Monthly Cow Sale at Mel Kolb, Inc., Maryland Farm, Woodsboro, MD

SAT. JUNE 25 - Colonial World Class Sale. Located at Stone-Del. Charolais Farms, Hartville, Ohio. The Colonial Charolais Association. Managed by Buzz Garey, Gary Cattle Sales, Inc., 100 Walnut Lane, Morrisville, PA 19067.

JULY

THURS JULY 7 - 11 00 A.M. Monthly Cow Sale at Mel Kolb, Inc. Lancaster Farm, 2220 Dairy Road, Lancaster, Pa.

THURS. JULY 21 - 11 00 A M Monthly Cow Sale at Mel Kolb, Inc, Maryland Farm, Woodsboro, MD

AUGUST

THURS AUG 4 - 11 00 A M Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, Pa.

THURS AUG 18 - 11 00 A M Monthly Cow Sale at Mel Kolb, Inc, Maryland Farm, Woodsboro, MD

SEPTEMBER

THURS SEPT 1 - 11 00 A M Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, Pa

THURS SEPT 15 - 11 00 A M. Monthly Cow Sale at Mel Kolb, Inc, Maryland Farm, Woodsboro, MD

OCTOBER

THURS OCT 6 - 11 00 A M. Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, Pa

THURS OCT. 20 - 11 00 A M. Monthly Cow Sale at Mel Kolb, Inc, Maryland Farm, Woodsboro, MD

NOVEMBER

FRI NOV. 4 - 11.00 A.M Monthly Cow Sale at Mel Kolb, Inc. Lancaster Farm, 2220 Dairy Road, Lancaster, Pa

THURS. NOV 17 - 11.00 A M. Monthly Cow Sale at Mel Kolb, Inc, Maryland Farm, Woodsboro, MD

DECEMBER

FRI. DEC 2 - 11.00 A M Monthly Cow Sale at Mel Kolb, Inc. Lancaster Farm, 2220 Dairy Road, Lancaster, Pa.

DEALER IN ALL KINDS OF LIVESTOCK
Also Crippled & Down Cattle

MARLIN S. IRWIN
Quarryville, PA
PH: 717-786-3016

MELVIN KOLB, INC.

Is Having A

Special Cow Sale to start the New Year!

NEW YEAR RESOLUTION
Attend Mel Kolb's Sales every month of 1983 for choice Holsteins

HAPPY NEW YEAR!

THURSDAY, JANUARY 6, 1983
11:00 A.M.

LOCATION:
West of Lancaster on Dairy Road. Take Route 283 west of Lancaster, exit beyond ABC Stud barns at Flory Mill Road; turn left after exiting, go to Mill, then sharp right under the railroad bridge. Barn is within sight of Route 283.

150 - HIGHEST QUALITY HOLSTEINS — 150

This sale will consist of 50 Purebreds, many with D.H.I.A. Records and good classifications. There will also be 100 head of grade cows and heifers.

There will be one trailer load from northern Wisconsin, from the country where cows really milk. We tried to pick the best cows from the better herds. There will be one load of fancy young Maine cows and heifers of the right quality, and one load of New Hampshire cows, production plus type. Also, one load of big raw bone New York State cows, that look like 100 lb. cows. And, there will be a load of good northern Pa. cows and heifers (the best that walk!).

SPECIAL MENTIONS

A GP-82 4 yr. old WHITTIER FARMS ASTRO GALAXY dau., bred 4/3/82 to MD NEW HOPE REBEL ELEVATION, from a VG-85 dam FIRST MILLION, as 2-07 297d 13780M 4.2 578F, next dam an ELEVATION dau. as 3-01 305d 14360M 4.0 579F; all 4% for 3 generations. This animal will go VG. A 4 yr. old G-77 ROYBROOK STARLITE dau. as 2-0 365d 18820M 4.0 746F, fresh with heifer calf by her side, born 12/20/82, by CAL CLARK BOARD CHAIRMAN, from a VG-85 ELEVATION dau. as 5-0 305d 18970M 4.0 750F, next dam PINEYHILL GALAXY dau. VG-88 as 7-09 305d 18830M 4.3 804F.

FARMERS: Start the new year out right. If you need good cows or heifers, attend this Sale and see quality plus quantity. Several heifer calves from these good cows will also be sold.

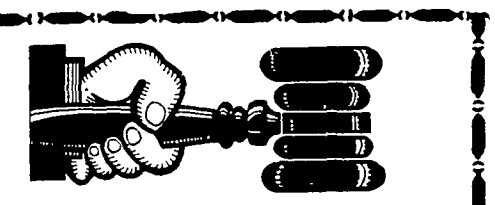
FREE LUNCH FOR ALL DAIRY FARMERS!
FREE TRANSPORTATION FOR LANC. CO. AMISH
Please call 569-2106 or 569-6800 for a ride to the Sale.

MELVIN KOLB, Sale Manager
ROBERT C. MULLENDORE, Auctioneer
HENRY KETTERING, Pedigrees
MARVIN ESHLEMAN, Clerk

We Want To Wish Everyone A Happy & Prosperous New Year!

SALE EVERY TUESDAY
Graded Sale
1st Tuesday each month
2 P M
Horse Auction
2nd Saturday each month
1 P.M

FAUQUIER LIVESTOCK EXCHANGE
Marshall, Va
703-364-1566



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STORAGE SYSTEM OF THE FUTURE

Win One Of Five Prizes

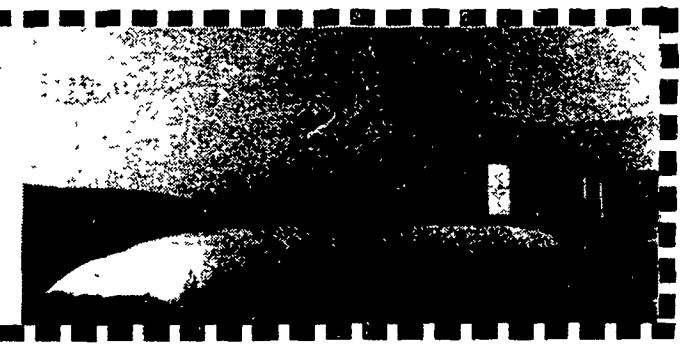
(1) $900.00 BAGGING JOB
(4) $300.00 BAGS (These bags will fit any type of bagging machine)

Clip This Coupon And Bring Along . . . To The

67th ANNUAL PA. FARM SHOW

Register At Our Booth 583-584 - Space No. 153

NAME _____
ADDRESS _____
_____
COUNTY _____ STATE _____ ZIP _____
PHONE _____
TYPE FARM _____



Winner Must Be A Qualified Farmer - Prize Not Transferable

DRAWING WILL BE HELD ON JANUARY 15, 1983

WINNERS WILL BE ANNOUNCED IN THE 1/22/83 ISSUE OF LANCASTER FARMING.

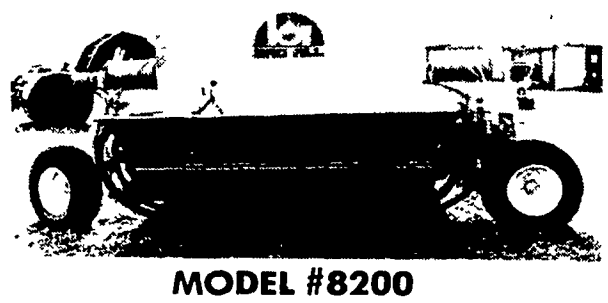
All winners must contact us at (717) 274-2225 or (717) 272-3050 by February 10, 1983 to claim their prizes. Bagging job must be completed in 1983 season.

BAG ALL

FORAGE BAGGING SYSTEM

10 REASONS WHY YOU SHOULD BUY BAG ALL

1. Inexpensive oxygen free system.
2. Unlimited capacity of storage.
3. Storage for dairy, beef and hogs.
4. Storage for all forage and grains.
5. Storage for high moisture corn.
6. No loss of vitamins, minerals and proteins.
7. No freezing and no heating of crops.
8. Storage system adapts to ALL sizes of Farms.
9. Dependable - Low Maintenance - Easy Operation.
10. Machine is easily transportable.



MODEL #8200
All Hydraulic Direct-Drive
(Other Models Available)

JUST LISTEN TO WHAT THESE BELIEVERS SAY:

- "I won't ever bale my hay any more."
- "The best move I ever made."
- "Couldn't afford to farm without the Bagging System."
- "More feed and increased nutrition per acre."
- "I've been able to cut my grain feeding cost in half since converting to the Bagging System."

AMERICAN BAG-ALL INC.
Designed by American Ag-Bag
107 Spring Hill Lane Lebanon, PA 17042

(717) 274-2225

(717) 272-3050
Evenings & Weekends

Clip and Mail

☐ I want to know more about the Bag All Forage Bagging System.

Mail To: AMERICAN BAG ALL
107 Spring Hill Lane
Lebanon, PA 17042
717-274-2225 Call Collect

NAME _____
ADDRESS _____
CITY _____
STATE _____ ZIP _____
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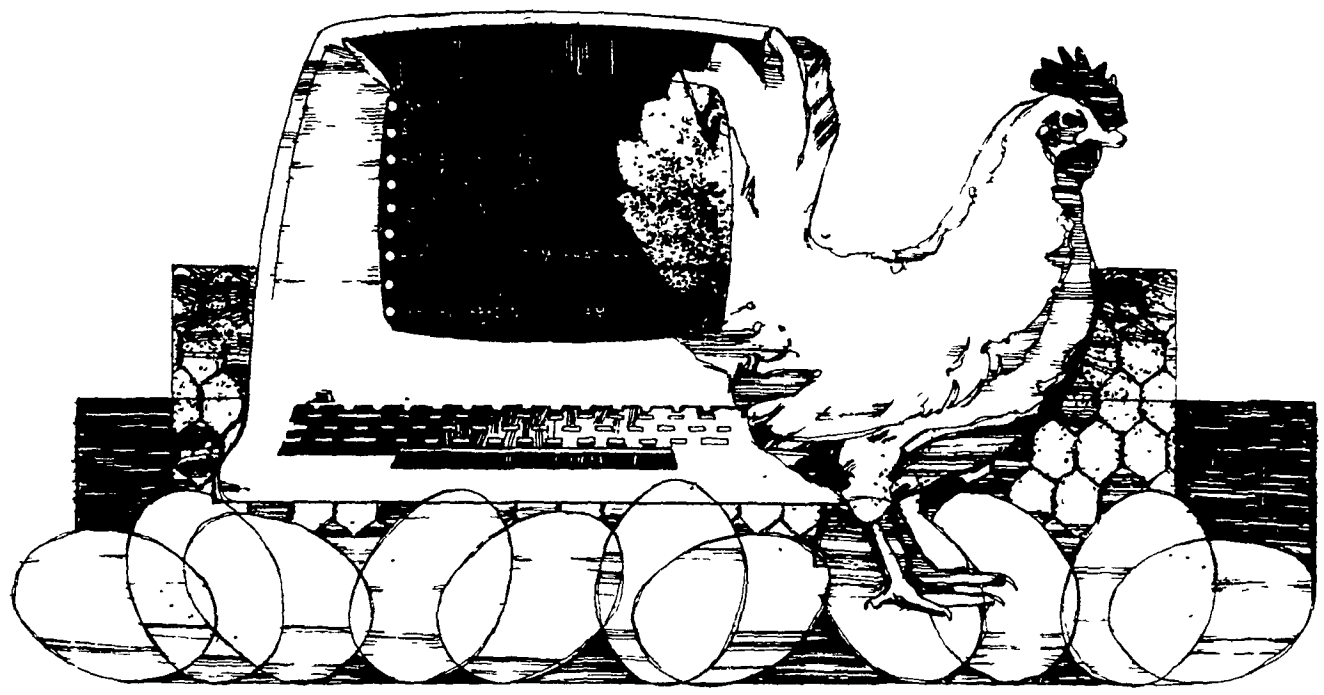
Bring Your Flock Into The '80's



BRING YOUR FLOCK INTO THE '80's

Through modern computer technology coupled with nutritional knowledge we can help increase your egg production at the least cost with the BAM Feed and Management System for Wayne® Feeds. We'll help you gather the necessary information, including age of birds; average body weight, daily weight gain, production, and egg weight; and average temperature in your laying house. Based upon the information you supply, our computer will design a specific feeding program that meets your flock's nutritional requirements and optimum egg-producing needs while saving you money. And, based upon the generated information, you can take advantage of the BAM System's cash flow management benefits, such as market forecasting, sales scheduling, return on investment, and income projections. So why be decades behind in your operation? Ask us for more information on how BAM can make production more efficient and profitable. We're here for the '80's.

WAYNE FEEDS
WAYNE ANIMAL HEALTH AIDS

Only your Wayne dealer has it.

POWL'S FEED SERVICE
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New Park, PA 17352 717-382-4472

BRANDT'S MILL
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VAN - MAR FEEDS, INC.
West on Miller St.
Shoemakersville, PA 215-926-2121

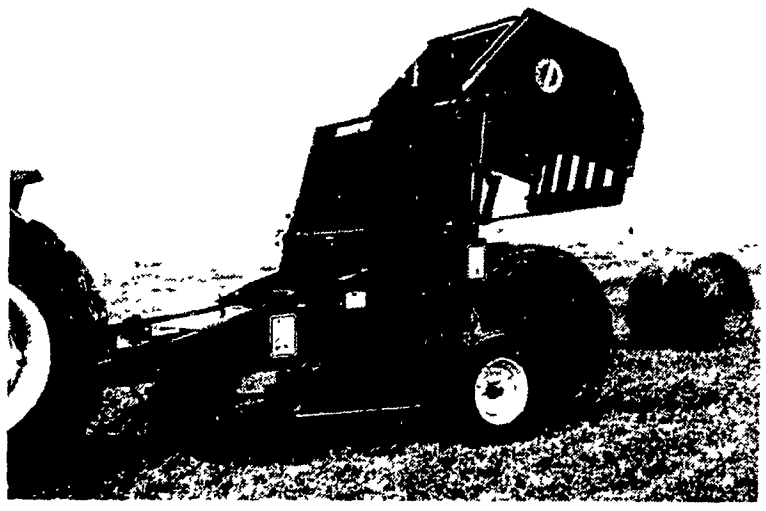
MANOR FARM SERVICE
RD 2, Lancaster, PA 717-872-4613

DUTCHMAN FEED MILL, INC.
R1, Stevens, PA 717-733-3020

TWENTY-TWO FEED MILL
Lenhartsville, PA 19534 215-756-6375

WHITE OAK MILL
R5, Manheim, PA 17545 717-665-2288

Farm Business News



New small round baler from Hesston Corp. works in variety of crops -- alfalfa, straw, corn and milo stover, sudan and cane, plus grass hays.

Hesston announces small round baler

HESSTON, Kan. — A smaller round baler, the new Model 5530 Rounder, has been introduced by Hesston Corporation for use on small farms and ranches or dairies using lower-horsepower tractors.

"This baler is sized and priced for smaller operations, and it can be used with a tractor of just 30 PTO horsepower and a 540 rpm PTO," said Robert Granaas, product manager.

Bales from the 5530 are 39 inches wide (one meter), and up to 54 inches in diameter. The smaller bales mean less labor and twine; plus they are easy to store, transport and feed.

Direct-feed open-throat gives fast bale starts and easy operation. Crop is fed from a low-profile pickup to a vertical bale chamber that assures immediate bale core formation. The pickup has narrow-spaced tines to give a clean sweep of the windrow, and its position near the baler tires eliminates the need for gauge wheels.

Pack-ur-bale gathering wheels (standard) increase effective pickup width for uniform filling of bale ends and for picking up windrows up to four-feet wide.

A variable volume bale chamber can be adjusted for a range of bale diameters from 30 inches to the 54-inch maximum. The chamber produces uniform density and bales that unroll easily for feeding.

A sure-Trac upper drive roller has multiple rubber crowns to keep forming belts on the right track. Five forming belts that each are 4.8 inches wide are joined with high-tensile lacing and provide 60 percent bale coverage.

Drive chains and pickup drive belt are located on the left side of the baler for easy access and maintenance.

A bale-full alert warns with an audible mechanical ratchet sound when the bale reaches maximum diameter. A visual-bale diameter indicator is also standard, along with a sure-close tailgate indicator rod to assure the operator that the tailgate is closed.

Three employees of Atlantic Breeders Cooperative recently honored by David Yoder, right, general manager, for their service records include, from the left, Jacob Brin III, Quarryville; Paul Werner, Mount Joy; and Clyde W. Martin, East Earl.

Atlantic Co-op honors 3 employes

LANCASTER — Three Lancaster County men were recently honored by Atlantic Breeders Cooperative for their records of service to members.

Jacob Brin III, Quarryville, was recognized for providing 10,000 first services. He has been employed by the Cooperative for four years. Brin is Sales-Technician Coordinator for Atlantic's units 14, 19, and 20 which covers southern Lancaster County.

Paul Werner, Mount Joy, received the 80,000 Cow Club Award for achieving this high level of first-service sales. He has been employed by the Cooperative for 27 years. Werner works as Sales-Technician for Atlantic's unit 17 which covers north-central Lancaster County.

Clyde W. Martin, East Earl, was honored for completing 15 years on the Board of Directors. Martin represents Atlantic's District 4 members, which includes all of northern Lancaster County. He also serves on the Board's Executive Committee.

The awards were presented by David Yoder, Atlantic's General Manager, at a banquet for employees and directors on Dec. 14.

John E. Barley joins Commonwealth

LANCASTER — John E. Barley, Conestoga, has been named to the board of directors of Commonwealth National Agri-Loan Corp., a wholly-owned subsidiary of Commonwealth National Bank.

The announcement was made by John R. Biechler, chairman of the board and chief executive officer of the bank who also is chairman of the board of the Lancaster-based Commonwealth National Agri-Loan Corp.

Barley is a partner in the Star Rock Dairy Farms in Manor Township, Lancaster County. He is a director of the Lancaster Association of Commerce and Industry, and is a member of the Lancaster County Holstein Association and Pennsylvania Farmers Association. He is chairman of the Manor Township Planning Commission, regional director for the Pennsylvania Agricultural Republicans, and is a member of the Communications Committee for the United Way of Lancaster County.

John E. Barley

In 1979, Barley was recognized by the U.S. Jaycees as one of four Outstanding Young Farmers in America and received the Master Farmer Award from the Pennsylvania Agricultural Extension Service in 1978.

Barley and his wife, the former Jane Reeder, reside in Manor Township. They have four children.

Chore-Time honors Agri-Equipment

Agri-Equipment, Inc., 2754 Creek Hill Road, Leola, was one of six distributors for Chore-Time Equipment, Inc. receiving the company's Vice President's Award at the recent annual distributor meeting in Warsaw, Ind. The award recognizes distributors with Chore-Time product sales of between $500,000 and $1 million during the past 12 months. From the left are Clydeth "Bud" Buck, president of Agri-Equipment; Leon Martin, vice president; and Brad Donahue, Chore-Time Vice President of Marketing, who presented the award. Chore-Time manufacturers automated equipment for the care and feeding of poultry and livestock.

ABS picks 4 Pa. bulls

DE FOREST, Wisc. — Four Pennsylvania Holstein bulls have been selected by American Breeders Service to enter the Progeny Testing Program.

They are LLPI Glendell Benedict-ET from Len-Lyn Partners I, Stevens; Sunnybend Hotshot Elmer-Twin and Sunnybend Hotstuff Elmer-Twin, bred by Tom Boyer, York; and Stoltzdell Darvin-Red, bred by Elam K. Stoltzfus, Morgantown.

The bulls have been moved to the company's facilities at DeForest, Wisc., where they join some 150 other bulls being tested. Each will be mated to 700 cows in herds associated with ABS in the testing program. After a four-year wait, the progeny will be evaluated and a decision is made whether the bulls enter into regular semen production.

LLPI Glendell Benedict-ET is the result of a specially planned mating between the highly regarded Glendell Arlinda Chief, +$247, +2,030M and +61BF and Muroc Gay Ada.

His dam has production records to 24,476 lbs. of milk, with a Cow Index of +1,256M. She is classified VG-89 and is sired by Harrisburg Gay Ideal.

Sunnybend Hotshot Elmer-Twin and Sunnybend Hotstuff Elmer-Twin are the results of a specially planned mating between the highly regarded Joludi Elmer Chief, +$255, +1,876M and +72BF and Star-Rock Monitor Lucky Kate. Their dam has production records to 28,790 lbs. of milk, with a Cow Index of +1,501M. She is classified VG-86 and is sired by Fleetridge Monitor.

Stoltzdell Darvin-Red is the result of a specially planned mating between the highly regarded Drakemeadow Van Vliet-Red, +$125, +1,245M and +22BF and Stoltzdell Proud Linda.

His dam has production records to 20,430 lbs. of milk, with a Cow Index of +1,190M. She is classified VG-85 and is sired by Wapa Arlinda Conductor.

Keystone Farmers to be honored on Jan. 12

HARRISBURG — Outstanding upperclass and graduate FFA members from chapters throughout the Commonwealth will converge on the State Capital on Wednesday, Jan. 12, to receive their Keystone Farmer Degrees.

The awarding of the Keystone Degrees, the highest to be granted at the state level, will be the highlight of the 54th Annual Mid-Winter Convention of the Pennsylvania FFA Association.

In addition to the Keystone Degree recipients — each of whom have progressed through the Greenhand, Chapter and County degrees at the chapter and county level — other awards will be featured in the program in the Forum Building from 1 to 4 p.m.

From Regional Star Farmer and Regional Star Agribusiness candidates, a Keystone Star Farmer and Keystone Star Agribusinessperson will be named and honored.

There will be Honorary Keystone Farmer Degrees to be awarded, as well as Special Citations to businesses and individuals who have been instrumental in helping to further the FFA and Vocational Agriculture Program in the state.

Following is the first segment of FFA'ers who will be honored with their Keystone Degrees on Jan. 12. These have been submitted from high schools and vo-tech schools in the Southeastern Pennsylvania area.

Additional Keystone Farmer recipients will be published in the January 8 Farm Show issue of Lancaster Farming. The recipients had to be divided into two groups because of the large number of area students being honored.

Adams

Battlefield

DAVID MARING

David Alan Maring, 18, son of Mr. and Mrs. Donald L. Maring, 2031 Taneytown Rd., Gettysburg, has served as president of the Battlefield FFA Chapter at Gettysburg High School during the 1981 year.

His activities have included home gardening, landscaping and two years work experience at Brown Valley Farms in Littlestown. He has received gold medals for state project books, proficiency awards in ag mechanics and land and turf management, as well as the chapter scholarship award and the Elmer Shriver Award.

A member of his local fire company and active in church work, he is a member of the Pennsylvania Holstein Association. He plans to continue work at Brown Valley Farms and hopes to own his own dairy operation in the future.

FFA

Additional Keystone Farmers to appear in Jan. 8 issue

DOUGLAS REDDING

Douglas Redding, 17, son of Mr. and Mrs. C. David Redding, 1199 Table Rock Road, Gettysburg, had held numerous FFA posts in the Battlefield Chapter at Gettysburgh High School and in Adams County.

Redding is chapter president this year, county president and Co-Op County Chairman. He was Star Greenhand in 1980 and also served as chapter secretary previously.

Among his FFA activities have been beef growing, home gardening, seed and citrus sales, various committee posts and serving as instructor at a conservation and outdoor recreation camp. He's a member of the Pennsylvania Trappers Association.

He plans to become a livestock auctioneer.

Bedford

Bedford

KEVIN KOONTZ

Kevin Koontz, 18, the son of Mr. and Mrs. Fred J. Koontz, R2 Bedford, is well known in sheep showing circles in the Bedford, Huntingdon and Fulton County areas.

A breeder of purebred Suffolks and Cheviots, he has shown extensively in the three-county area. Other FFA activities have included growing corn and raising a dairy heifer.

As a member of the Bedford Chapter, he plans to continue work on the family dairy farm and raise and show purbred sheep.

KEVIN HAMPSON

President of the Bedford FFA Chapter, Kevin Hampson has participated in both swine breeding and finishing projects.

The 18-year-old FFA'er is the son of Mr. and Mrs. James Hampson, R3 Bedford.

He has engaged widely in swine showing, including the Bedford County Fair, State Farm Show and the Blair-Bedford-Fulton Market Hog Show and Sale. In the future he plans to operate both a farrow to finish swine business, as well as establish a welding and machine shop.

DANIEL REPLOGLE

Daniel Replogle, 18, is the son of Mr. and Mrs. Gary Replogle, R4 Bedford.

In the Bedford FFA Chapter, he has taken part in swine breeding and finishing, raising corn and serving as chaplain and on several committees.

Among his FFA achievements have been several awards in land judging, including a gold medal winner in FFA Activities Week at Penn State, second in Bedford County land judging and a participant in the National Land Judging Contest.

He plans to farm with his parents.

N. Bedford

ELIZABETH SMITH

Among the many FFA accomplishments of Elizabeth A. Smith in the Northern Bedford FFA Chapter have been serving as secretary, the Star Chapter Farmer Award and participation in dairy judging.

The 18-year-old at Northern Bedford High School is the daughter of Daniel and Beverly Smith, R1 Roaring Spring.

Raising dairy calves and cows and growing alfalfa and corn have been among her activities in five years in FFA. A member of the Dairy 4-H Club, she plans to attend Penn State and major in agriculture.

GERALD IMLER

Gerald Thomas Imler, 19, is the son of Jerry and Margie Imler, General Delivery, Bakers Summit.

As a member of the Northern Bedford FFA Chapter, he has taken part in work experience projects, raising a dairy calf, swine breeding and growing corn silage.

Holding the office of reporter in his chapter, he plans on working toward owning his own farm someday.

DEBRA IMLER

Debra Ann (Kelly) Imler, 17, is the daughter of Joseph Jr. and Althea Kelly, of General Delivery, Bakers Summit.

She has held the offices of secretary and vice president in the Northern Bedford FFA and previously was named Star Greenhand. Her activities have included dairy calves, swine finishing, swine breeding, home gardening and poultry.

A member of the Horticulture Club, she plans to someday help manage a dairy farm.

LEE SELL

Lee James Sell has served in both the vice presidential and presidential slots in the Northern Bedford FFA.

The son of Robert and Jean Sell, of Loysburg, the 17-year-old FFA'er has raised dairy cows and calves and has grown sweet corn. He has been a gold medal winner in land judging in state competition and has participated in homestead improvement and farm safety.

A member of the school wrestling and track teams, he hopes to participate in the operation of the family farm.

Blair

Williamsburg

DAVID BISHOP

David Bishop Jr., is the son of Mr. and Mrs. David Bishop Sr., R2 Williamsburg.

He presently serves as sentinel of the Williamsburg Chapter and has also held the offices of reporter and student advisor.

In his FFA farming program, his projects have included field corn, corn silage, oats, laying hens, market hogs, dairy beef, turkeys and home gardening.

On the state level, he has earned bronze and silver awards in land judging in competition at Penn State for the past two years. After graduation, he plans to continue work on the family farm.

GARY BRUMBAUGH

Presently the vice president of the Williamsburg FFA Chapter, Gary Brumbaugh has also served as sentinel for two years.

His FFA projects have ranged from raising dairy heifers and cows, veal calves and sheep breeding to growing field corn, alfalfa and corn silage.

The son of Mr. and Mrs. Paul F. Brumbaugh Jr., R2 Williamsburg, he is a top winner at the county and state levels in tractor driving. His National FFA Foundation Awards have come in forestry, crop production, sheep proficiency and land management.

He plans to remain on the family farm.

KARYN ENGLAND

The president of the Williamsburg FFA Chapter, Karyn England is the daughter of Mr. and Mrs. Stanley England, R1 Williamsburg.

She has also held the chapter posts of vice president and student advisor.

An extensive participant in dairy cattle judging, she was a member of the third-place team in 1981 and won a trip to the World Dairy Exposition in Madison, Wisc. She has also judged at the All-American in 1981.

Her FFA projects include dairy calves and cows, field corn, alfalfa and work experience on the family dairy farm.

She plans to major in animal science at Penn State.

(Turn to Page C4)

Meet Pa.'s Keystone Farmers

(Continued from Page C3)

Central Cove

KENNETH HOOVER

Ken Hoover is the son of Dale W. and Susan Hoover, R2 Martinsburg.

Assistant reporter of the Central Cove FFA Chapter, his farming program consists of dairy cows, heifers and calves, along with field corn.

He has exhibited dairy cattle on the local, regional and state levels. He placed second in state competition at the invitational judging contest at the All-American this past September.

Ken's father, Dale, was a Keystone Farmer Degree recipient in 1960.

After graduation, he plans to attend Penn State and major in ag engineering.

BRUCE MOWERY

Bruce Mowery is the son of Mrs. Ruth Mowery, R1 Martinsburg.

As president of the Central Cove FFA Chapter, he has also been a member of the parliamentary procedure team. Engaged in a work experience program, he is employed on the Donald Hoover farm at R2 Martinsburg. His work experience won both a silver and bronze medal in the Blair-Bedford-Fulton area farming program competition in 1980 and 81. He also won a bronze award in state land judging in 1980.

BRIAN KENSINGER

Brian Kensinger is the son of Dan and Audrey Kensinger, of R1 Roaring Spring.

A graduate of Central High School last June, he participates in a farming program that includes dairy cattle and field crop enterprises. He won the Galen Wineland award for being the outstanding farm mechanic in 1982.

Presently employed on the family farm, he joins his father as being the second family member to receive the Keystone Degree. His father was a recipient in 1958.

SCOTT MORSE

Scott Morse, a senior at Central High School, is the son of Mr. and Mrs. J. Robert Morse, R1 Martinsburg.

He has engaged in a work experience activity for his farming program that has won a gold medal for two consecutive years in the Blair-Bedford-Fulton area contest. He is employed at the E. F. Smith farm at R1 Martinsburg.

Among his hobbies are hunting and playing softball.

BILL HOOVER

Bill Hoover is the son of John R. and Audrey Hoover, of R1 Martinsburg. He is a senior at Central High.

Participating in work experience, he is employed on the Ellis Sellenberger farm at Curryville. He placed second in the Blair County Land Judging Contest in 1981 and eighth in 1982.

His hobby is hunting.

ROBERT FLEEGLE

Treasurer of the Central Cove FFA, Robert Fleegle is the son of Robert and Pat Fleegle, R1 Martinsburg.

He was a member of the chapter's parliamentary procedure team and represented his chapter at the State FFA Convention at Penn State in 1981.

In his work experience he is employed parttime on the Dawn Baker farm at R1 Martinsburg.

His hobbies are hunting and fishing.

ED TRUEMAN

Ed Trueman is the son of Ed and Bonnie Trueman, of R1 Martinsburg.

Also a participant in a work experience program, he works parttime for the Marcove Farms and on the Dawn Baker farm. During the winter months, he also cuts and sells firewood.

His work experience won a bronze award in the Blair-Bedford-Fulton area contest. His hobby is hunting.

Centre

Penns Valley

CORY GUISEWHITE

Vice president of the Penns Valley FFA Chapter, Cory Guisewhite is the son of Mr. and Mrs. Rufus Guisewhite, 112 Water Street, Millheim.

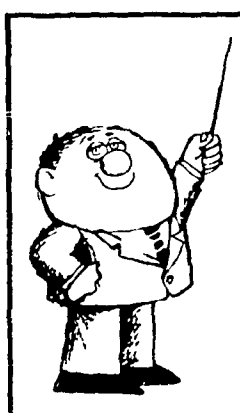
His FFA activities have included dairy cows and heifers, beef finishing and swine breeding and finishing.

A former Star Greenhand, Cory has placed third in tractor driving competition, fourth in dairy food judging and soil conservation and first in tree identification.

He hopes to own his own dairy farm in the future.

(Turn to Page C5)

FFA



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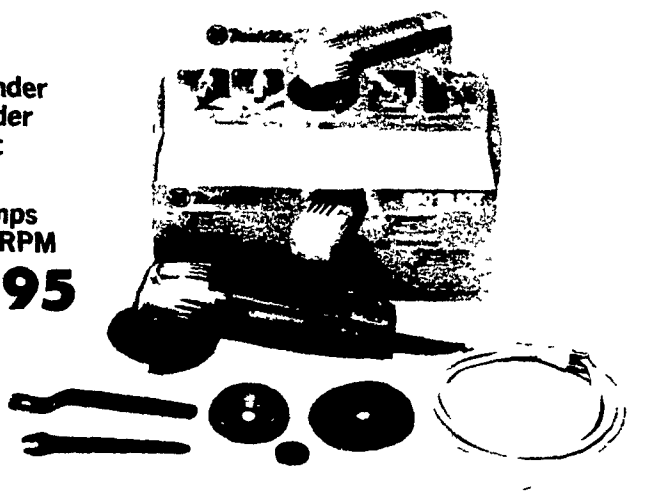

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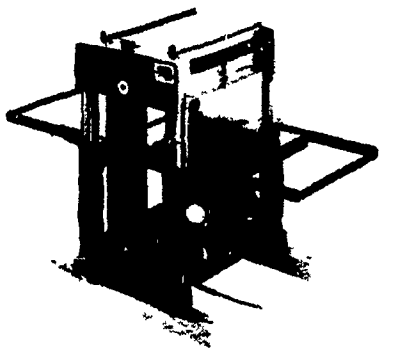

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Meet Pa.'s Keystone Farmers

(Continued from Page C4)

DOUGLAS WASSON

Douglas Wasson, 18, the son of Harry and Ella Mae Wasson, R1 Centre Hall, had had diversified livestock projects in his FFA farming program.

He has engaged in projects including dairy cow and heifer, beef finishing, swine breeding and finishing.

A Star Greenhand in the Penn Valley Chapter, he has won area awards in swine production, livestock production and soil judging. He is president of the Centre Hall 4-H Ag Club.

He plans to have his own swine breeding operation one day.

FAITH BROWN

Faith Brown, 16, the daughter of Mr. and Mrs. Harold E. Brown, R1 Spring Mills, has recorded many noteworthy achievements in her Penns Valley FFA years.

She has served as chapter reporter, was a Star Greenhand and won many awards, including Production Credit Award, Chapter Outstanding Female Award, Junior Leadership and Scholarship Award.

Her projects have ranged from dairy cows and calves to market hogs and poultry, as well as small grain and other crop production.

She plans to attend either Penn State or Delaware Valley College.

Bellefonte

STEPHEN HAAGEN

Stephen D. Haagen has chalked up numerous awards in his three years of membership in the Bellefonte FFA Chapter.

The son of Mr. and Mrs. Albert W. Haagen, R2 Howard, he was Star Greenhand and County Star Farmer. Other awards include outstanding dairy achievement and dairy foundation, ag mechanics, crop production, dairy production and outstanding corn production.

His projects have included dairy herd and growing hay and corn. He has served on numerous committees and plans to become a dairy farmer.

JOHN HORNER

John E. Horner, the son of Mr. and Mrs. James M. Riley, R4 Bellefonte, has specialized in sheep production as his principal livestock project as a member of the Bellefonte FFA.

He has held both the treasurer and president's posts in his chapter. Among his awards have been those in ag mechanics, leadership, junior scholarship, horticulture, project book, public speaking, agronomy, forestry and dairy products contests.

In addition to serving on many committees in the FFA, he has been a member of the school ski club and took part in basketball. He hopes to enter an agricultural career.

Columbia

Benton

MARVIN ZIMMERMAN

Marvin Zimmerman, the son of Allan and Nancy Zimmerman, R2 Benton, has served the Benton FFA Chapter as both secretary and president.

In 1981 and 82 he took first place in the extemporaneous speaking contest.

His FFA projects have included dairy beef and dairy heifer, dairy cow and dairy records, as well as participation on several chapter committees.

A member of the National Honor Society and the FFA Forest Fire Crew, he hopes to someday own a dairy farm and start a dairy agribusiness.

Cumberland

Boiling Springs

CURT CRAIN

Curt Crain is the 17-year-old son of William and Betty Crain, 1137 S. Spring Garden St., Carlisle.

A four-year member of the Boiling Springs FFA, he is now serving as president of his chapter. Among his awards has been his naming as the Star Chapter Farmer.

Also, he has served on several committees. He plans to rent a farm after graduation and get started in an agricultural career.

Big Spring

BRANDON WEARY

Brandon L. Weary, 17, son of Mr. and Mrs. Boyd L. Weary, R1 Newville, has concentrated on swine projects as the livestock phase of his FFA activities.

In addition, he has also grown sweet corn and alfalfa.

He served as chapter reporter for three years and is now chapter president. He was both Star Greenhand and Star Chapter Farmer. He is now reporter for the Cumberland, Dauphin and Perry Area. He placed second in the county in swine finishing project book and has received the U.S. National Agricultural Award for two years.

After graduation, he hopes to run for State FFA Office and start his own farrow to finish swine operation.

Shippensburg

KENNETH HALL

Kenneth W. Hall, 17, son of Donald and Loretta Hall, 10977 Spring Ridge Rd., Shippensburg, has held a variety of posts in the Shippensburg FFA Chapter.

He has served as junior vice president, chaplain, treasurer and sentinel. He also participated in the Washington Conference Program and received the chapter's agribusiness award.

His projects have included two involving heifers and two years in work experience. He has chaired several chapter committees, too.

He plans to get started in farming after graduation or become involved in some phase of agribusiness.

KEITH MC NEIL

(Turn to Page C6)

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Keystone Degree honorees

(Continued from Page C5)

Keith McNeil, son of Ernest and Myrtle McNeil, 7674 Molly Pitcher Highway, Shippensburg, has served as both vice president and president of the Shippensburg FFA Chapter.

His many projects have included two dairy heifers, four bull calves, four feeder pigs, a Duroc sow, three acres of sweet corn and four years of work experience. He has been the recipient of several judging awards and the ag production award.

In addition to directing the activities of several FFA committees, he has been a member of the wrestling and rifle teams at school. He plans to continue a career in farming or agribusiness.

CURTIS WENGERT

Curtis Wengert, the son of Samuel and Mary Wengert, has numerous accomplishments to his credit during his FFA career at Shippensburg High School.

Presently, he is the Cumberland-Dauphin-Perry County Area Secretary, and has served as president and vice president of his chapter. He has taken part in parliamentary procedure competition for the past three years and placed seventh in the State Dairy Foods Contest.

He was both Star Chapter Greenhand and Star Chapter Farmer. His projects have included the raising of three dairy heifers, veal calves and feeder pigs and work experience on the family farm.

He plans to attend Penn State and perhaps later work for a milk co-op or department of agriculture.

ROGER HALL

Roger E. Hall, 17, is the son of Mr. and Mrs. Donald E. Hall, 10977 Spring Ridge Rd., Shippensburg.

In addition to projects in dairy heifers and work experience, he has served as chairman of several chapter committees.

Among his chapter posts have been Junior FFA President and secretary. He is recipient of the Agribusiness Award.

He plans to continue in agriculture.

Franklin

Path Valley

KEVIN HOFFMAN

Kevin Hoffman, 17, son of Richard and Donna Hoffman, 3462 Path Valley Road, Fort Loudon, has held several positions of leadership in the Path Valley Chapter of Fannett-Metal High School.

He has served as Chapter Vice President and Treasurer and is now County President in Franklin.

His projects have ranged from occupational experience for three years and home improvement to swine and beef finishing. He was Chapter Star Greenhand.

He plans to operate an agriculture supply store.

Conococheague

Mitch Funk, 19, is the son of Paul and Joan Funk, 10661 Shimpstown Road, Mercersburg.

As a five-year member of the Conococheague Chapter, he has participated in beef finishing and has served on several committees.

MITCH FUNK

He has received the beef production proficiency award.

He has served as chapter secretary. Besides being Student Council president and class vice president, he participates in three varsity sports.

He is now a student at Penn State majoring in ag business management. After college, he would like to work on the sales and management staff of an ag business.

JERE WINGERT

The FFA projects of Jere Wingert, son of C. Eugene and Betty Wingert, 722 Loudon Rd., Saint Thomas, are livestock oriented and include swine breeding and finishing and beef breeding and finishing.

In addition, he has also had a corn project.

Having served as sentinel of the Conococheague Chapter at James Buchanan High School, he has received the National Achievement Award in Diversified Livestock.

While his father serves on the Pennsylvania Department of Agriculture staff in Harrisburg, Jere manages the family's 500-acre farm. He plans to work on the family farm and expand its 225-sow operation and 130-beef cattle operation.

MICHAEL NELSON

Michael W. Nelson has followed a diversified list of projects, including swine breeding and finishing, beef breeding and finishing, corn production, truck crops and small grains.

In addition to serving on many committees, he has served as chapter vice president and county vice president. Among his awards have been the Sales Proficiency, Swine Production Proficiency and

(Turn to Page C7)

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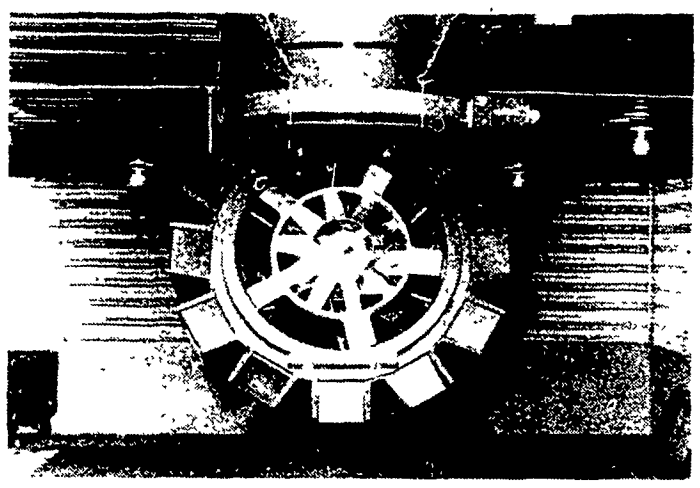

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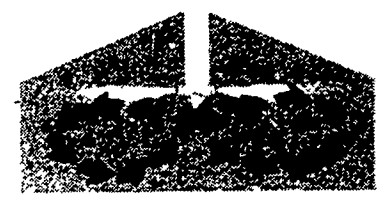
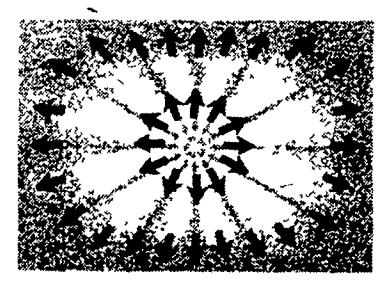


SIDE VIEW



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Keystone Degree honorees

(continued from Page C6)

a bronze medal in the state agronomy competition.

He plans to help his grandfather on the farm and possibly farm on his own in the future.

RAYMOND SKINNER

Raymond Lester Skinner, son of James M. and Joanne M. Skinner, 4061 Ft. Loudon Rd., Mercersburg, has concentrated his projects in the dairy area.

He started with a dairy cow project and expanded to dairy herd and field corn projects.

He has held the offices of Chapter President and Reporter. Also, he was County Secretary. He has received gold medals in project book competition and dairy proficiency. Also, he was a ribbon winner in county dairy judging and was awarded two bronze medals in state tractor driving.

He plans to work toward a partnership on the family farm as well as provide a healthful environment for his wife, Joanna, and son, John James.

Blue Ridge

As a five-year member of the Blue Ridge FFA Chapter, Charles W. Mellott has participated in swine projects.

In addition to serving on several chapter committees, he served as chapter sentinel in the 1981 school year. He is the son of Mr. and Mrs. J. Roy Mellott, 9702 Wayne Highway, Waynesboro.

CHARLES MELLOTT

As a collector and restorer of old gas engines, he has plans for his own business in the sale and repairing of gasoline engines.

Dairy achievements and awards have been the central point of the FFA career of Jeffrey Benedict, son of Mr. and Mrs. D. Marion Benedict, graduate of the Waynesboro Senior High School.

JEFFREY BENEDICT

His projects have included dairy calves, heifers, cows and vealers. Star Greenhand and Star Chapter Farmer, he was president of the Pa. Junior Guernsey Breeders Assn. last year and received the Outstanding Guernsey Boy Award for three years.

He is a gold project book winner and recipient of the Production Credit Award. Champion showman at the Franklin County Fair last year, he had the grand champion Gurrnsey at the FFA District Show.

He plans to be a dairy farmer -- Guernsey naturally.

Harold T. Fitz, 18, is the son of Andrew and Ruth Fitz, 10358 Amsterdam Road, Waynesboro.

In the Blue Ridge FFA, he has conducted projects in rabbits, beef and gardening. He has received awards in beef production and participated in other competition, including land judging, farm machinery and tractor driving.

He has served a chapter vice president and county student advisor. He has received the Waynesboro Young Farmer Award as the Most Improved Underclassman.

He wants to become a beef and hog farmer.

HAROLD FITZ

RHONDA FAHRNEY

(Turn to Page C8)

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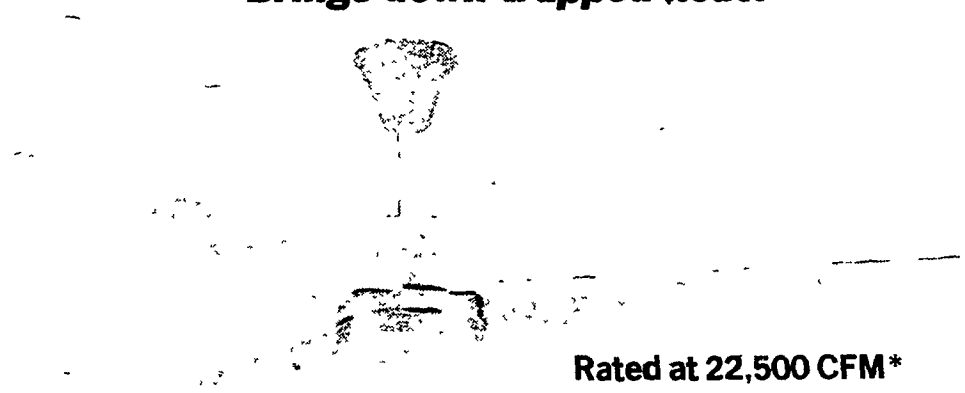

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Keystone Farmers

(continued from Page C7)

Rhonda Fahrney, 18, is the daughter of Donald and Beverly Fahrney, 7029 Iron Ridge Road, Waynesboro.

A 1982 graduate of Waynesboro High, she was chapter historian and also received the Star Greenhand Award. She also received awards in scholarship and public speaking.

She has served on numerous chapter committees.

Very active in 4-H work, she took part in activities of the dairy club, baby beef club, County Council, Exchange Program and Junior Holstein Club.

She is now working on the family dairy farm and plans to continue in this field.

CONNIE STULL

Connie F. Stull, the daughter of E. Berlin and Frances E. Stull, 7432 Rockhill Rd., Waynesboro, has ben named both Star Chapter Farmer and Star County Farmer.

Besides being Chapter Sweetheart, she has won proficiency awards in swine and beef breeding, diversified livestock and field crops, as well as gold and bronze medals in state project book competition.

Her FFA projects have been in beef, swine, corn, hay, small grains, as oats, rye and barley. She has received numerous awards in swine, clothing, tractor, sheep and hog competition.

Her future plans are part ownership of a large beef and grain farm in South Carolina.

Mifflin

Big Valley

DAVID GLICK

David C. Glick, son of Sherman and Kay M. Glick, R3 Lewistown, has received many FFA honors as a member of the Big Valley Chapter at the Juniata-Mifflin Co. AVTS.

He has served as Chapter president for two years and as student advisor. He was both Outstanding Greenhand and Outstanding Chapter Farmer.

He has had projects in dairy, beef, swine and field corn.

He is a director of the Mifflin County Holstein Club and member of the Mifflin County Executive Extension Committee.

He plans to continue in the family dairy operation and build a registered Red and White Holstein herd.

Snyder

Middleburg

MICHAEL HIBBS

Michael A. Hibbs, of the Middleburg FFA, has concentrated his activities in the area of beef production, as well as field corn, alfalfa and pasture.

He has also taken part in an extensive on-farm work experience program.

The son of Leroy and Bonnie Hibbs, of R2 Middleburg, he has participated in local, area and regional public speaking contests and has won several project book awards.

In other farm-related competition, he enjoys tractor pulls and hay bale throwing contests.

BETSY BOBE

Betsy Bobe, daughter of James A. and G. Suzanne Bobe, R1 Middleburg, has held numerous FFA offices during her four-year career.

She now serves as Sun Area reporter and previously served as chapter treasurer, as well as chapter reporter for the past two years. Her projects have included dairy calf, field corn and alfalfa hay.

Among her hobbies are swimming, softball, movies and dancing. She will continue to be involved in the family's 250-acre farm.

Barbara Maneval, 17, is the daughter of Samuel and Faye Maneval, R1 Richfield.

In the Middleburg FFA Chapter, she has served as assistant

BARBARA MANEVAL

secretary and secretary, treasurer and Sun Area historian. Also, she was a member of the State Parliamentary Procedure Team.

Among her FFA-related projects have been those associated with orchards, beef and swine finishing, field corn and rabbit breeding.

She plans to follow a career in agriculture.

Schuylkill

Tri-Valley

Michael David Straub, son of Ronald and Mary Straub, R1 Klingerstown, has served as both reporter and vice president of the Tri-Valley FFA Chapter.

His principal projects have included swine farrowing and finishing and four acres of corn.

He is a member of the Zion Church and its Youth Group, as

(Turn to Page C9)

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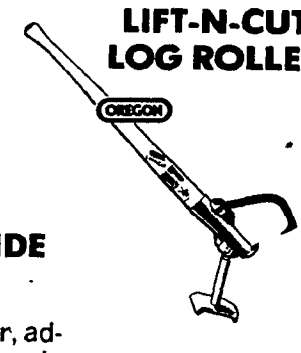

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Keystone Farmers

(Continued from Page C8)

well as the school wrestling team.

He plans to attend trade school to learn a profession to assist with the expansion of his planned farming operation.

MICHAEL STRAUB

RYAN KAHLER

Ryan A. Kahler, son of Mr. and Mrs. Kermit Kahler, of Pitman, has had a variety of FFA projects, including three dairy cows, five dairy heifers, five acres of corn and three acres of oats.

In the Tri-Valley Chapter, he now serves as president and served as vice president last year.

He finished first in the County Tractor Driving competition and was a member of the first-place county parliamentary procedure team.

He plans to attend the Williamsport Area Community College to study diesel mechanics and then return to the family dairy farm.

W. Snyder

TONY MC KNIGHT

Tony McKnight is the son of Mr. and Mrs. Hugh A. McKnight, R2 McClure.

As a member of the West Snyder FFA, he has had projects in beef finishing and swine finishing. He has also been involved in the chapter's Food for America project.

In Sun Area contests, he has participated in public speaking and small gas engines.

He is a junior member of the Bannerville Volunteer Fire Co.

VERNON ZERBY

Vernon E. Zerby, the son of Mr. and Mrs. Nevin Zerby, R1 Beavertown, has held the offices of assistant secretary and assistant vice president in the West Snyder FFA.

He was runnerup for Snyder County Star Farmer and took part in Sun Area livestock and land judging. He has received proficiency awards in sheep and hog production.

Among his projects have been work experience at Brooks End Farm at Beavertown and market lambs and market hogs. Also, he has served on many committees.

He plans to go into partnership with his father in a swine operation.

ROBERT WAITE

After serving as chapter vice president last year, Robert L. Waite is serving as president of the West Snyder FFA this year.

His projects have been in the areas of beef finishing, dairy herd, field corn and hay production. A member of a number of committees, his competition has included tractor driving, dairy judging, parliamentary procedure and ag mechanics in the Sun Area.

The son of Mr. and Mrs. Robert E. Waite, R1 Beavertown, he hopes to enter into a partnership with his brother and father in a dairy farm.

Annette M. Shirey, 17, daughter of Mr. and Mrs. John Shirey, R1 Beavertown, has conducted projects in both dairy herd and beef finishing in her FFA career at West Snyder High School.

Her herd of Holsteins now numbers seven head.

Also, she has held numerous FFA offices, including chapter reporter, secretary and student advisor and is now Sun Area secretary. A Chapter Star

ANNETTE SHIREY

Greenhand, she has had gold medal project books and has received the extemporaneous public speaking proficiency award.

Annette has served as the Sun Area Dairy Princess and is captain of the cheer leaders and the color guard of the marching band.

She plans to major in food science in college.

MICHAEL TROXELL

Michael L. Troxell, son of Mr. and Mrs. Larry E. Troxell, R1 Beaver Springs, has had a diversified list of livestock projects in the West Snyder FFA.

Among his livestock projects have been breeding ewes, market lambs, swine breeding, market hogs, poultry and rabbits. He is president of the Snyder County 4-H Lamb Club and a member of the Northumberland County Sheep and Wool Growers Association.

In his chapter, he has served as assistant chaplain and sentinel. His proficiency awards come in sheep production and diversified livestock.

In addition to serving on numerous FFA committees, he enjoys showing his sheep at local fairs and the State Farm Show.

TIMOTHY WETZEL

Timothy E. Wetzel, son of Mr. and Mrs. Jerry Wetzel, R1 Middleburg, has held numerous FFA offices in both the West Snyder Chapter and the Sun Area.

He has served as chapter assistant student advisor and treasurer. This year, he is both vice president of the chapter and the Sun Area.

His projects have ranged from beef finishing and dairy calf to work experience on the Harold Hassinger dairy farm at R1 Middleburg.

He is the Northcentral Star Agribusinessman and has won proficiency awards in crop and beef production. He has also captured top prizes in state project book competition and at the State Junior Dairy Show.

He plans to become a dairy farmer.

Perry

W. Perry

VIRGIL GUTSHALL

Virgil E. Gutshall Jr., of the West Perry FFA, is the son of Mr. and Mrs. Virgil E. Gutshall, R1 Blain.

His FFA projects have included 12 sows with litters, along with six acres of wheat, three acres of oats, five acres of soybeans and finishing four beef.

He participated in the FFA Livestock Show and Sale for three years and the county and state tractor driving competition. He has been a member of the FFA Band for the past four years.

He has served as the West Perry FFA reporter. In 1981 he received the swine production proficiency award and this year received the United States National Agriculture Award.

He plans to attend Penn State.

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JASON BURKHOLDER

Jason Burkholder, 18, is the son of Vernon B. and Edith Z. Burkholder, R1 Ickesburg.

A member of the West Perry FFA for four years, he has had projects in bees, dairy herd, corn, alfalfa and small grains.

He holds the FFA offices of Chapter President and CDP Area Treasurer. He is his chapter's Star Farmer and is the outstanding senior vo-ag student at West Perry.

In the near future, he plans to buy his own combine and do custom harvesting. He will be working toward the purchase of his own farm.

PHILIP BRUBAKER

Philip E. Brubaker, 17, is the son of Philip E. and Jacqueline A. Brubaker, R1 Loysville.

His projects in the FFA program have ranged from dairy herd, beef finishing and swine finishing to corn, alfalfa and horse. He has held many committee posts in the West Perry FFA.

Among his FFA offices have been chapter president and vice president. He was Star Greenhand and received the crop production proficiency award.

He is a member of the 4-H Dairy Club and the 4-H Senior Council.

He plans to continue in farming or a farm-related job.

Berks equipment operators meet Jan. 25

LEESPORT — The annual equipment operators' workshop for Berks County is scheduled for Jan. 25, 1983 from 9 a.m. - 3 p.m. at the Agricultural Center, according to Roy Shryock, conservation technician of the Soil Conservation Service.

This meeting is planned to keep equipment operators up-dated on conservation practice specifications, new methods and products on the market and other items of interest. The Pennsylvania Land Improvement Association will discuss available insurance coverage, possible group health insurance and other Association benefits.

Safety films, as well as utility companies and equipment dealer exhibits, will be shown and displayed.

This meeting is sponsored jointly by the Berks County Conservation District and the local Soil Conservation Service. All equipment operators and owners are urged to attend.

European Community offers opportunities, obstacles

WASHINGTON, D.C. — The European Community presents a mix of opportunities and obstacles for U.S. exports. However, as the scales have tipped toward fewer opportunities and greater obstacles, strains in U.S.-EC trade relations have intensified. In the balance may be billions of dollars in U.S. agricultural exports, reports Harold A. McNitt, economist with the International Economics Division of USDA's Economic Research Service.

The 10 EC member nations are often viewed as a single body because of their common agricultural policies. As such, they make up the largest overseas market for U.S. farm products, accounting for around 20 percent of the total value of U.S. agricultural exports. U.S. exports to the EC (including Greece) were worth $9.5 billion in fiscal 1980, and roughly $9 billion in each of the last two recession-depressed trade years.

Behind the impressive sales figures are 280 million EC consumers whose average purchasing power approaches that of U.S. consumers. Further supporting U.S.-EC trade are close commercial ties, efficient shipping channels, modern port facilities, and a well-oiled banking system that links the two markets.

Yet partially offsetting these stimulants to trade is the EC's array of tariffs, import levies, and other barriers to protect its own producers. Import levies ensure that the price of an import from outside the EC is higher than the price of a corresponding item produced within the Community. These charges make it difficult, if not impossible, for many U.S. commodities to compete in the EC market.

In addition, the EC's internal system of farm price guarantees, subsidies, and other benefits for producers and processors has spurred agricultural output. Protected from outside competition and prodded by big price supports, EC producers now meet or exceed many of the EC's domestic needs for food and livestock products.

As a result, the EC has become one of our slowest growing farm markets. In 1980, for the first time in history, Europe fell behind Asia in purchases of U.S. farm products, and the spread has since widened.

The EC's expansion adds to the difficulties faced by U.S. exporters. Greece joined the Community in 1981, and Spain and Portugal are scheduled to enter in the mid-1980s. Membership in the EC will give them additional trade advantages. These nations, Spain in particular, are large producers of several items important in the U.S. agricultural export picture, including almonds, lemons, raisins, preserved fruit, and fresh and frozen vegetables.

With all these obstacles, how are U.S. agricultural exports faring in the EC market? The export record varies considerably, depending on the commodity in question. Here's an update and a look at prospects for major commodity groups.

Soybeans: A Strong Market

EC demand for soybeans developed rapidly during the 1970s to meet the needs of an expanding commercial livestock sector. U.S. soybean exports to the EC rose from 5.5 million tons in 1975 to an estimated 9.8 million this year.

High-protein feed based on soymeal is used for intensive poultry, hog, and dairy production. In recent years, EC crushers more than doubled their meal output, relying largely on U.S. soybeans which account for about four-fifths of EC soybean imports.

Since the demand for soymeal itself is not fully met by EC crushers, processed soymeal is also imported, mainly from the United States and Brazil. Although Brazil usually captures the larger share of the market, the United States will continue to rank as one of the top two suppliers.

The EC has been trying, with little success, to reduce its dependence on imports of high-protein feedstuffs. Soybean cultivation is highly subsidized, but yields have been low, and annual production is only about 18,000 tons. Also, the EC is offering incentives for the production of pulses (broad beans and field peas), rapeseed, and sunflower seed. Yet, so far, none of these crops has been able to supply more than a small proportion of the EC's protein feed needs.

The EC has considered imposing taxes or other barriers on soybean and meal imports, but these proposals have not been adopted. The United States has strongly objected that any such barrier would violate the EC's international trade agreements, which assure free entry to all oilseeds and oilmeals. A proposed EC vegetable oil tax seriously concerns the United States because it would cut demand for soybeans and other oilseeds.

Besides soybeans, the United States is also the leading supplier of sunflower seeds—bought mainly by West German crushers to produce oil for margarine—and is usually the primary source of peanuts imported by the EC.

Corn Outlook Poor

Corn, second only to soybeans among the top U.S. exports to the EC, faces a declining or stagnant market. Since 1975, U.S. corn exports to the EC have fallen from 11.8 million tons to an estimated 10 million this year.

While high EC farm price supports stimulate domestic output of grains for feed, EC import levies ensure that the price of imported corn is always higher than the price of the home-grown product.

France is Europe's foremost feed grains producer, and it has first claim on EC purchases because of the built-in price advantage. U.S. corn remains a major EC import only because—unlike barley and soft wheat—local producers are not able to satisfy demand. In fact, though the United States plays the role of residual supplier, we usually get a larger share of the EC corn market than France, our principal rival.

French output appears to have leveled off for now, so the United States may remain the largest supplier for the next few years. However, total EC corn consumption isn't expected to grow, and it may even decline further. The reason; Barley and wheat are both substituted for corn in EC feed rations, and their prices tend to be lower because they are surplus EC crops.

Corn remains necessary for some poultry and other feeds, but its use is dropping for feeds in which wheat, barley, and nongrain feedstuffs are cheaper substitutes.

Other Feedstuffs Score Gains

EC imports of U.S. corn gluten feed (used mainly for EC dairy cattle and hogs) more than tripled during the last half of the 1970's, and the U.S. share of the market soared to well over 80 percent. The U.S. corn refining (wet milling) industry combined high efficiency in manufacturing with active export promotion to boost sales.

Corn gluten feed enters the EC free of levies or tariffs in accord with the EC's international trade agreements, so it's very competitive as a nutrient in many formulas. However, future sales growth could be jeopardized by an EC proposal to place quantitative limits on corn gluten feed imports.

U.S. citrus pulp, a carbohydrate feedstuff used in cattle rations, also achieved big sales gains during the late 1970's. The United States supplies more than half of the EC's imports, with Brazil providing most of the remainder. Brazil may narrow the U.S. lead, but the United States should retain its position as principal supplier during the next few years at least.

Problems for Processed Foods

The EC is a very tough customer when it comes to introducing or expanding U.S. exports of many processed agricultural products, as well as unprocessed commodities with high unit values. More than half of EC members' import needs for processed and high value products (HVP's) are met by trade within the Community. The rest comes from a variety of countries, with less than 5 percent from the United States.

Variable levies and other import charges render a large portion of American HVP's uncompetitve on the EC market. The HVP's hit hardest include poultry, beef, pork, dairy products, eggs, milling industry products (except corn gluten feed), and bakery goods. Among meats, the exceptions are edible offals and horsemeat, which are big U.S. sellers on the EC market.

Trade in fruits, vegetables, and nuts may offer greater opportunities for U.S. exporters, especially for novel and high quality varieties. But the competition is fierce, and the EC's own producers have the advantage because their goods are free from import duties and levies. In addition, most Mediterranean producers outside the EC and many developing countries receive preferential tariff treatment. Spanish and Israeli oranges, Turkish raisins, Spanish lemons and almonds, and many other items are given a competitive price advantage over U.S. products.

The most rapidly growing American HVP exports are edible nuts. Sales more than tripled during the 1970's. Almonds, like all edible nuts, are free of variable levies, but they are charged a 7-percent tariff. The United States is the major supplier, but we will soon face increased competition from Spain because its almonds will have duty-free access when it joins the EC.

The small U.S. share of the EC fresh citrus fruit market is due partly to the high tariff faced by U.S. oranges during October-April, when Spain and other Mediterranean suppliers receive large tariff preferences. Lemons and grapfruit—subject to lower tariffs—are somewhat more successful.

On the EC dried fruit market, the Unites States is the leading supplier of prunes because of the Community's own producers, France and Italy, can't meet demand. However, U.S. prunes still face a 12-percent tariff. U.S. raisin sales may continue to decline, partly because EC processors are eligible for subsidies if they use EC-grown grapes.

Dried beans account for three-fourths of EC imports of dried legumes from the United States. Half go to the United Kingdom for further processing into baked beans and soup. Preferences are extended to certain Meditarranean suppliers, but tariffs on U.S. dried beans are relatively low.

Prepared and preserved fruits and vegetables are among the most difficult HVP's to export to the EC. The U.S. share of EC imports of these items is averaging only about 3 percent.

The EC is still the largest importer of unmanufactured U.S. tobacco, but the extension of tariff preferences to most major U.S. competitors exerts a downward push on U.S. sales. The U.S. market share may continue to drop during the next 5 years, possibly falling below 20 percent. U.S. cigarettes and other manufactured tobacco products are virtually excluded from the EC by very high tariffs.

Overall, the EC is a challenging market for some U.S. exports, but an unreachable one for others. In a free trade atmosphere, a product's success is determined by such factors as quality, availability, price competitiveness, and product differentiation. However, EC import policies frequently cast the United States in the trade role of "least favored nation," and these policies must be part of any realistic assessment of a U.S. product's market potential.

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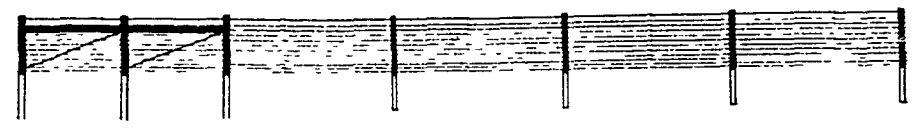

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Farm Credit Council looks for chief executive

WASHINGTON, D.C. — A newly-organized trade association of cooperative agricultural lenders has started a search for a chief executive officer.

Heading the selection committee for the Farm Credit Council is Gordon Van Vleck, a rancher from Plymouth, California. Van Vleck is a member of the board of the Sacramento District Farm Credit Council and FCC vice chairman.

FCC is the result of efforts undertaken by leaders from among the nation's Farm Credit Banks to establish a voice for cooperative farm lenders and, at the same time, to provide a structure for grassroots legislative policy setting. The Council is affiliated with the National Council of Farmer Cooperatives.

FCC is to be the Washington, D.C., office for a federation of District Farm Credit Councils established in each of the 12 Farm Credit Districts. In turn, each of the district councils will be eligible for membership in the Washington-based FCC.

The FCC chief executive officer will have the title of president and also will serve as a vice president of NCFC.

Van Vleck said his four-member committee hopes to receive applications from potential candidates by Jan. 15 and to make a selection by mid-February. Resumes should be directed to Farm Credit Council, 1800 Massachusetts Ave., N.W., Suite 804, Washington, D.C. 20036.

At its organizational meeting Nov. 30-Dec. 1, the board discussed the scope of FCC activities and adopted a policy that legislative involvements will be "only those that directly affect cooperative farm lending institutions or their authorities and means to provide credit and related services to farmers and their cooperatives."

In other actions, the Council also elected Ray Moss Tucker as chairman. Tucker is a dairy farmer from Finchville, Kentucky, and a director of the Louisville District Farm Credit Council. Tucker also will serve as the Council's president until the selection committee completes its work.

In addition to Van Vleck and Tucker, other FCC officers named at the organizatoinal meeting were: secretary-treasurer, Helen Walters, who is vice president and treasurer of NCFC; and general counsel, Delmar Banner, who is senior vice president of the Federal Intermediate Credit Bank of St. Louis.

The FCC also adopted in concept a memorandum of understanding with the NCFC. That memorandum will be made final when the FCC president is named.

Other members of the Farm Credit Council board include: William Atwood, Marion, Massachusetts; James C. Cisney, Harrisonburg, Virginia; F. Marion Hinson, Bennettsville, South Carolina; Robert A. Filgo, Canton, Mississippi; Armstead M. Feland, Cabot, Arkansas; Larry L. DeVuyst, Ithaca, Michigan; Melvin A. Todd, Jr., Union, Nebraska; James W. Dean, Hutchinson, Kanasa; Wilmer Smith, Wilson, Texas; Ronald Bokma, Conrad, Montana; and Howard G. Whitemore, Shelby, Nebraska.

Revised brucellosis regs begin Jan. 12

WASHINGTON, D.C. — Revised and updated regulations to prevent the spread of cattle brucellosis across state lines will go into effect Jan. 12, a U.S. Department of Agriculture official recently announced.

John Atwell, deputy administrator, veterinary services, for USDA's Animal and Plant Health Inspection Service, said definitions, as needed, will be included in the regulations; and requirements for moving cattle will conform to the new system of rating states for levels of brucellosis infection.

The regulations spell out requirements for moving cattle interstate from free and class, A, B and C states. The fewest restrictions apply to free and class A states.

The new regulations define all program terms, such as "class C state." Previously, the deinitions were contained in a separate document — the brucellosis program's uniform methods and rules, Atwell said.

The move to include definitions in the federal regulations drew a number of comments from the public when they were proposed last January, Atwell said.

"We had to assure people that including the definitions and explanatory material in the regulations would not cause federal authority to be extended into areas reserved for the states or industry," Atwell said.

"Now, the code of federal regulations and the uniform methods and rules each have their own set of definitions, which are compatible; and each document can stand alone without dependence on the other. At the same time, the traditional method of changing program standards with recommendations from the states and industry through the U.S. Animal Health Association remains intact."

Atwell said revised federal regulations do not apply to movement of cattle within a state or to other matters reserved to the states.

"These changes in no way impinge on the privileges of the states or the livestock industry of the respective states," he said.

Brucellosis is a bacterial disease of cattle and other animals that also can be transmitted to people. It causes cattle producers economic losses through aborted calves, breeding problems and lower milk yields.

Though rare today, human brucellosis is still an occupational risk for slaughter plant workers and livestock handlers in contact with infected animals or their freshly killed carcasses. Milk from infected animals poses no risk after it is pasteurized.

Farm builders conference coming

STATE COLLEGE — The 1983 Pennsylvania Farm Builders Conference is scheduled for Jan. 20-21 at the Elk's Country Club, south of State College.

Tour stops on Thursday will include a modified, open-front hog house with thermostatically controlled ridge ventilation and exhaust ducts under a slatted floor. Stops at three dairy facilities will emphasize rebuilding and remodeling, planning for logical expansion and use of native lumber for barn construction.

Ventilation and heat recovery labs at the Penn State Agricultural Engineering Department will also be visited.

Dick Phillips from USDA will outline current farm energy programs at the evening banquet. Bill Irish, Extension agricultural engineer from Cornell University, will team up with Phillips and Penn State agricultural engineers on Friday morning to discuss planning of dairy housing systems.

Commercial exhibits of building supplies and equipment and a program on stray voltage also will be included.

Friday afternoon's program will cover building methods, including use of native lumber and trusses. Jack Denlinger from Denlinger Inc. and James Rider, local dairyman, will team up with Penn State engineers and foresters to discuss construction methods and use of native lumber.

John Wolgemuth from Agway will talk about insurance.

To obtain a complete program and enrollment information contact Agricultural Conference Coordinator, The Pennsylvania State University, 409 Keller Building, University Park, PA 16802, 814/865-9547. For information about program content or exhibits contact Daniel J. Meyer or Robert E. Graves, The Pennsylvania State University, 240 Agricultural Engineering Building, University Park, PA 16802, 814/865-7685.

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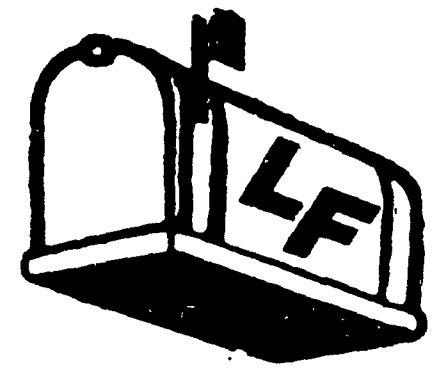

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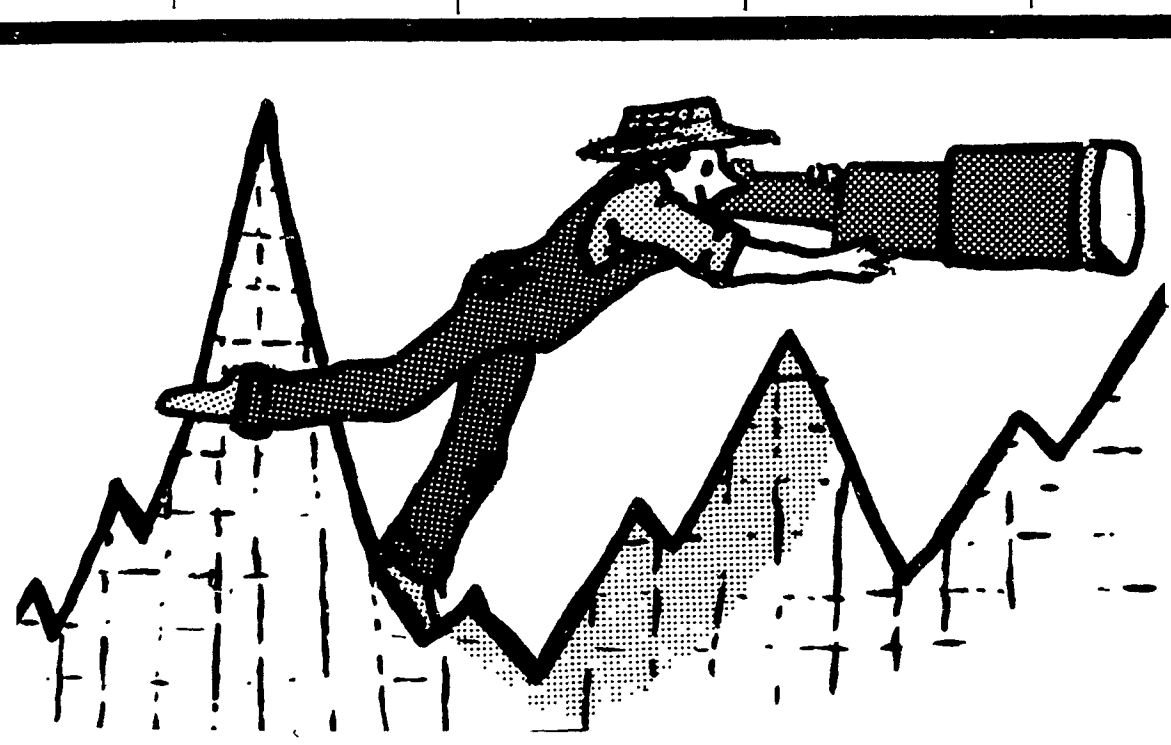

THINK AHEAD...
Read Futures Markets on Page 3.

Soil Science Society elects officers

ANAHEIM, Walter H. Gardner, professor of soils, Washington State University, Pullman, became president of the Soil Science Society of America last month at the society's annual luncheon and awards program. He succeeds Robert G. Gast, University of Nebraska, Lincoln.

Gardner's principal research interests are in soil physics and soil-water-plant relations. He has made many contributions, including measurement of soil water content using gamma ray and neutron attenuation, concurrent measurement of both soil water content and bulk density using two gamma ray energies, psychrometric measurement of soil and plant water potentials, and measurement of water status near absorbing roots and in root growth, water flow, and retention in layered soils.

This research has contributed to a better understanding of water movement in soil, particularly in stratified soil and in soil near absorbing roots, and to techniques for measurement of water content and potential in soil and plants.

He is known for his time-lapse motion picture, "Water Movement in Soil," which is used worldwide as an aid for teaching principles of water retention and flow. He has served as associate editor and editor-in-chief of Soil Science Society of America Proceedings, now the Soil Science Society of America Journal.

Gardner is a Guggenheim Fellow (1964), an ASA Fellow (1966) and an SSSA Fellow (1976).

Donald R. Nielsen, professor of soil and water science, Department of Land, Air and Water Resources, University of California, Davis, became president-elect of the Soil Science Society of America.

He will become president of the 6,100-member scientific, educational organization at the 1983 annual meeting in Washington, D.C.

His principal teaching activity is in soil and water movement and courses designed to integrate physical, chemical and biological processes in soils with mathematical analyses. His principal research embraces laboratory and field investigations of leaching and miscible displacement of inorganic and organic solutes in soils, soil water properties, pesticide behavior in soils, microbiological transformation during leaching, and geostatistical concepts in relation to developing technologies for sampling field soils.

He presently serves on the editorial boards of Irrigation Science, Journal of Soil Science, Soil Science, Outlook in Agriculture, Soil and Tillage Research and Water Resources Research.

He holds degrees from the University of Arizona, Tucson, and Iowa State University, Ames.

Other newly-elected SSSA officers for 1982-83 include: James M. Davison, University of Florida, Gainesville, chairman-elect, Soil Physics; Larry L. Boersma, Oregon State University, Corvallis, board representative, Soil Physics; Philip A. Helmke, University of Wisconsin, Madison, chairman-elect, Soil Chemistry; and M. Ali Tabatabi, Iowa State University, Ames, chairman-elect, Soil Microbiology and Biochemistry.

Also, Robert L. Westerman, Oklahoma State University, Stillwater, chairman-elect, Soil Fertility and Plant Nutrition; Thomas L. Jackson, Oregon State University, Corvallis, board representative, Soil Fertility and Plant Nutrition; LeRoy A. Daugherty, New Mexico University, Las Cruces, chairman-elect Soil Genesis, Morphology and Classification; and Darryl E. Smika, USDA-Agricultural Research Service, Akron, Ohio, chairman-elect, Soil and Water Management and Conservation.

In addition, James B. Hart, Michigan State University, East Lansing, chairman-elect, Forest and Range Soils; James R. Boyle, Oregon State University, Corvallis, board representative, Forest and Range Soils; George R. Hawkes, Chevron Chemical Co., San Francisco, Calif., chairman-elect. Fertilizer Technology and Use; and Lowell A. Doublas, Rutgers University, New Brunswick, N.J., chairman-elect, Soil Mineralogy.

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172 acre limestone dairy, 250 cow free stalls w/double 6 parlor, modern rancher. Call Mr. Niesley

25 acre dairy farmette, new 2 story brick house, 50 comfort stalls, 2 silos, new implement shed. Call Mr. Niesley.

JUNIATA COUNTY

100 acre grain farm (73 tillable, 27 timber). Nice stream, secluded, no bldgs. Call Mr. Benner.

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70 acre general - 2 story frame house, bank barn and other buildings. Call Mr. Bitting.

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Special winter discounts on Shivvers grain drying equipment. Phone Connie Anderson at 609/267-5605

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Used sawmills for sale. We buy and sell. Leroy Wray, R.D. 1, Douglassville, PA 19518. 215-385-3884

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Oliver 2B 12" Raydex
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JD KBA 20 & 24 Disc
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NH 30' Corn and Hay elevators
TOM WHEARY
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IH 806 diesel, original paint, wide front, 3 pt. hitch, 814-793-4293

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IHC 315 Mulch Packer
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Meyers forage box, 6x16 with roof, two way unloading, three beater, excellent condition. $1,975.00. Weaver's Hardware Co. Fleetwood, Pa. 215-944-7486

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TAYLORWAY heavy duty 14' tandem disc harrow, 40 22" discs, spaced 10" apart in front, 8" in back, complete with tires and hydraulic cylinder and hoses. Sells new for $8500; asking $6500. Used once. Selling because too large for gates. Will deliver. 717-626-1480. Lanc. Co.

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Loggers dream - D4 Cat loader heavy duty winch, runs and operates, needs idler and top roller, $4,800 or best offer. Serious inquiries only. 717-566-0370

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JD 3020 gas, $5,500, Excellent condition; 2 Chisholm Ryder (snap bean) harvesters, w/Farmhand dump tank, excellent running condition, well maintained; Wade Rain power-roll irrigation, 4", approx. 75 lengths and 2 movers. 609-451-3877

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FARM EQUIPMENT

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Detroit diesel, 3-53 series, power unit w/radiator and PTO, $3000.
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FARM EQUIPMENT

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- NI 737 Cornhead
- NI 323 1-Row Cornpicker
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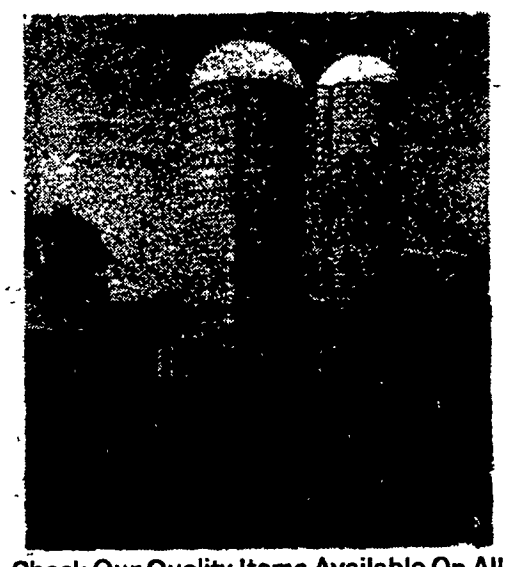

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PUT IT IN THE RECOMMENDED TYPE BALING BOX. ONLY APPROVED 3-BIN PRESS. IN STOCK

BALE UNIT - LESS CYLINDER	$295.00
BALE UNIT - w/MANUAL JACK	$340.00
BALE UNIT - w/OPERATING PRESS CYLINDER	$550.00

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WILL TRADE OR BUY
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WAYNE LLOYD - SALES

83 FARMING FRONTIERS

Your Invitation To Farming Frontiers
See The Latest In Farming
Methods and Tools Used
Interesting John Deere Movies
Lynnport Fire Hall
Friday, January 14th
7:30 P.M.
Lunch & Gifts

FARMING FRONTIER SPECIALS
15% Off List Price On All
John Deere Parts & New Holland Parts
In Stock Or Ordered On Stock Order

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We Still Have Series 40 Tractors At Lower Prices With Company Rebates
2040 4WD
2440
2640
4240
All Fully Equipped

USED TRACTORS:
JD 4640
JD 2640
JD 2010
JD 1020
JD 50
JD "A"

USED COMBINES:
1980 JD 6620, 13' Table, 560 hrs., Nice, Special - $46,500
• Used Engine Hyd. Fertilizer Box
• New Hayban, 3 Pt. Corn Sheller - $1,850

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State Highway Rt. 143
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New Holland Machinery
Wheel Horse Lawn Equipment
JOHN DEERE
John Deere Lawn & Garden & Snowmobiles
Many Short Lines Of Machinery

FARM EQUIPMENT

For Sale - Custom built 2 row cornplanters using John Deere Max-Emerge plateless units. Can be pulled behind Pequea plow chassis using same hydraulic system. Early Order Discounts. Also horse drawn corn planters converted to plateless or row kits for self installation. 2 mi. North of Rt. 40 along Rt. 897 Lanc. Co. Gideon F. Stoltzfus, RD #2, Gap, Pa. Box 2276, 17527

IHC 815 combine, diesel, 4 row corn head, 30" 13' grain head, A-1 condition. 215-689-9376

Ford 3400 backhoe and loader. 814-1793-4293

For Sale - JD #8 harvester w/new knives. Gehl BU 82 forage box, both in good cond. 82 Honda ATC 185 S 3 wheeler. Lanc. Co. 717-665-7434

1086 IHC, 1466, 4430 JD, 4320, 4020, all used on our farm and all low hours. 717-547-2387

For Sale - New and used Gandy applicators for planters, balers, blowers, etc. Gideon F. Stoltzfus, RD #2, Gap, Box 2276, Pa. 17527

For Sale - IH 4386 w/450 hrs., 30.5x32, stereo, heater, air, IH 490, 24'7" disk, Krause 13'9" chisel plow, pull type. 717-528-4343 Adams County, Pa

77 White tractor, 290 Cummins with big cam, 38,000 lb. rears, 10 spd., 717-425-3697

IH 206 combine, excellent condition, 227 corn head, 10' hume reel platform, $6,000. 215-285-6264

IH 1566 tractor, engine just rebuilt; IH 490 disc, 3 yr. service; IH chisel plow, $25,000 takes all. IH 2400 loader/backhoe, $4250. 301-841-6276.

For Sale - Farmall A with plow, cultivators, electric start, wheel weights, good rubber. 215-445-4742

For Sale - MF 61 7 ft. cut/ditioner, good for hay or stalks $600. or trade on a good tank flail spreader. 301-452-8646

For Sale - EZ-Trail gears and wagon beds. South of 340 along Millwood Road. First farm on left. Close to White Horse. Lydia L. Stoltzfus, Gap RD1 Box 457, Pa. 17527 Lanc. Co.

JD 4010 w/new engine, 38" rubber, front, excellent 814-793-4293

42x14 expandable Slurrystore, 16 HP Flyt submergible pump, 2,200 DeLaval liquid manure spreader w/injector. 301-489-4995

Coal elevators, one 20' one 24', $1,500 for the pair or will trade for 40KW generator, also D-6 Cat dozer hyd. blade, $3,900 or trade for 40KW or larger generator. 717-532-6540 Ron Coover

JD 1450 6 btm. plow. 215-297-5416

IH 966 diesel 3 pt. wide front, excellent condition. 814-793-4293

JD 4020, Standard Shift $7500
Dekota Feeder Wagon $1000
(New) 791 NH Spreader w/endgate $7,500
Melroe Stone Picker $1000
WENTZ FARM SUPPLY
Palm, Pa. 215-679-7164

NH 9' side delivery hay rake, model #55, good running condition w/good paint. Phone after 7 p.m. 215-262-6205

For Sale - MF 205 manure spreader, 165 bushel w/Gratz web, $350. Lancaster County. 717-898-2539

JD 4400 combine, exc., condition, 1160 hrs., 4 row narrow head, 13' grain head, air conditioned. 814-632-7600 before 7 a.m. or after 8 p.m.

Attention Farmers! Are you having trouble finding those used parts you need? We have a list of over 100 farm machinery, equipment, truck and misc. used parts yards. Only $4 and large stamped envelope. Austins Salvage, Route 4, Butler, MO 64730

For Sale - Head valve cover intake exhaust manifold for 770 Oliver diesel, Gehl hammer mill for 65X grinder-mixer. 717-365-3234

1978 686 Int. Diesel tractor, low hrs., clean, $8700. 1970 JD 4020 tractor, good tires, dual hydraulics, clean, $8300, 609-455-3462 or 609-769-4025

1977 Case 2670 w/factory duals, 1252 hours, excellent condition, 6 months warranty available. 717-435-2921

1066 hydro. w/cab and air, duals, $7750, 215-267-5131

Two 450', ktwo 350' Big Dutchman poultry feeders, used; Also waterers w/stainless steel troughs. Will sell all or part. Best offer. 717-872-5924

IH dump, 1967, 1700 308-5+2, 12½' flat steel dump w/2' sides, 9x20 mud and snow, 25,000 GVW, runs good, good rubber and paint, northern MD, 301-877-7015

Will trade NH 273 baler w/kicker in good cond., for IH H or M tractor in good cond., northern MD 301-877-7015.

Rebuilt flail tank spreaders, like new, 368 NH, 2155 Hawk Bilt, small starline. 717-776-6203

For Sale - 5000 Ford Selecto-Speed Diesel, $3900, Call 215-445-5725

1 Wic bale chopper, 3 horse electric motor, $1000, 215-869-8745

NH forage harvester heads, 770-R2, 770 W, also available Super 717. Will sell separately. 215-869-8745

For Sale - JD 350, JD 450, Int. 1466, 1086, 4366, 584, 986, JD 4430, JD 4620. We are brokers. 717-733-0058

Farmall 560 Gas Tractor with 4-14 Semi-Mount plows, good condition. 717-398-1459

310 NH baler, like new, 717-922-4103

NI No. 744-N, 4 row corn head, good cond., 717-733-9145, Lancaster Co., must sell! Would like $5,000.

Ontario 12x8 hoe drill $450, IH 100 balanced head mower $450, 8x16 flat wagon w/5 ton NH gear $400, Case 10' spring tooth harrow w/extra parts $200, Papec hammer mill $50. 215-847-2619, Bucks Co.

For Sale - NH 271 baler w/thrower, NH #56 rake, 2-16 ft. bale thrower wagons, Gehl forage blower, Int. 7-tooth chisel, Fox forage harvester, 2r-corn hay and direct cut heads, 165 bu. gravity bin w/gear, 9 ft. Hesston haybine, JD flail chopper, 5 ft., NH #362 tank spreader, Case Skatback, 430 loader, MM Jet Star tractor, MM Jet tractor, MM G900 tractor, JD 4-14" plow, MF running gear. Best offer. 717-867-4908 Lebanon Co.

For Sale - NH L35 skid loader, in good cond. 215-383-6818

JD 4020 Diesel tractor, WFE, good cond., $7000 or best offer, 302-378-9164

Wanted - JD model 480 483 485 Haybine for parts or running also T.O. 20 motor, Call 609-825-5051

For Sale - JD 4230 Diesel Tractor w/turbo, 140 HP, QR transmission, 4 post roll guard, 2406 hrs., in good cond., $11,000. 717-532-8601

AVCO NEW IDEA
WFE
HESSTON

SPECIAL
New NI 323 Picker

USED EQUIPMENT
Oliver 1850
Ford 140 4B Mtd. Plow
Bush Hog 12' Disc Harrow
NH Bale Elevator
(2) White 5400 4R Planters
Noble 25' Field Cultivator
NI 402 Rake
Ford 2R 309 Planter
Ford 501 Rr Mower
White 8700 Combine Dsl. Hydro, air.
White 8600 Combine, dsl. hydro, air
NH 320 Baler
1068 Haybuster no-till drill (demo)
Fox 728 2R Corn Head

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STANLEY'S FARM SERVICE
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Wanted - Small irrigation system, 717-776-7636, no Sunday calls

Case 930 D, Case LA Winch pulley, Hesston 1090 Windrower, phone 301-582-1927

1980 JD 6620 w/13' grain head, 560 hrs., beautiful condition $46,500. 215-756-4344

NEW TRACTORS
3088
3288
584 R/C
384
254 w/loader
284 Diesel, 4 wheel drive

NEW EQUIPMENT
Morridge grain dryers in stock
720 automatic 5x18 btm. plow
510 5x18
420 3x16
350 10 ft. 3"

USED TRACTORS
Oliver 550
IH 240
Farmall C

USED EQUIPMENT
510 plow 5 bottom, 16", $1500

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Thorndale, PA
Phone 215-269-2676

For Sale - NH L35 skid steer loader w/Ford water cooled motor, 72" bucket, in good cond., $4500, 717-532-8601

For Sale - JD F350 semi-mtd. plow, 4x16's., auto. reset w/accumulator, side hill hitch, $750, Juniata Co., 717-535-5815

2 row potato platner, Iron H, good cond., also air blast crop sprayer, 300 gall. tank, 717-423-6722

MF Massey Ferguson

USED EQUIPMENT
MF 510 Diesel Combine w/MF 44 Cornhead
MF 750 Diesel Combine w/Cornhead & Grainhead
Farmall Super C
MF 1105 Tractor
MF 33 Drill, Like New
NI 323 Picker
NI 214 Spreader
King Wyse Elevator
NH Elevator

NEW EQUIPMENT
MF 205 Tractor
MF 245 Tractor
MF 275 Tractor
MF 285 Tractor
MF 294 Tractor
MF 1010 Tractor
MF 30B Tractor Loader
MF 2675 Tractor
MF 33 Grain Drills
MF 345 Plow
MF 620 Disk
NI 177 Elevator
NI Manure Spreaders
MF 226 Blade

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1760 E Canal Road
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All New Ford Tractors (from 12 to 300 HP) Interest Free until January 1, 1984
Free 1983 Ford pickup

Free Ford Ranger Pickup
TW10, 110 HP, cab, radio heater & dual power, lease tractor $28,000

TRACTORS

Ford 8600
Several Cub Lowboys w/5' mowers
New Ford 3610 diesel w/8x4 synchromess trans., $18,000
New Ford 1900, 4 wh. dr., diesel, 2600 Ford, cab, front broom $18,995
5600 Ford, 4 wh. dr., Blue Power Special
5600 Ford 150 hrs. looks sharp
AC D10 w/loader good shape
Ford Jubilee engine complete overhaul
Ford 800, good shape, 3 pt. hitch
Ford 8N's good rubber, motor good.
Ford compact loader, CL40, 750X15 truck tires, $5,000
Ford 4610 8 speed transmission, front weights, roll bar
Gehl Skid loader model HL 3030 $2,900
New Ford CL 20 compact loader diesel engine $7,495

EQUIPMENT

Big Dipper front end loader model 672W $1,500
NI 310 pull-type 1 row picker
Ford 1 row mounted corn picker $495
Brady portable hydra mixer, model 1050 $2,495
New gravity boxes several to choose from
New IH model 720 forage harvester w/corn & hay head $7,500
New Speedy corn crib, 1200 bu. $795
NH model 975, self-propelled combine, 13' grain head $2,995
New Ford silo blower model 618
Ford chisel plow 131 10 shank $1,595
Used 250 Chief grain dryer $2,495
New post hole diggers w/auger $275
York blade 6' 3 pt. hitch
Hansen snowblower, 3 pt. hitch, $1,899
Myers snowplow, for truck, 10', complete mounting $900
Selection of used loaders

INDUSTRIAL EQUIPMENT

TLB Ford #4500 diesel engine
Ford TLB 550 w/cab, heater, torque converter, real sharp $18,900
Ford Tractor w/forklift model 4000
AC grader w/diesel engine, 6 cyl.
IH truck 550 diesel
Fruehauf 42' drop deck trailer air rides 1976 model $6,900
5 industrial trailers, all sizes, priced right prices low as $1,995

See us at the PA Farm Show at the Ford booth.
Our dealership is only 20 miles south of the Farm Show

Wishing All A Happy And Prosperous New Year

g-Industrial Equip. Co.

ALLIS-CHALMERS · SPERRY NEW HOLLAND · KUBOTA · AVCO NEW IDEA · Bolens · bobcat

OUR ANNUAL WINTER AUCTION WILL BE HELD FEBRUARY 24 WATCH FOR FULL LISTING.

TRACTORS

AC C
AC D17
AC 7580 Cab and Air
AC 4080 2 Wheel Dr.
AC 5040
AC 5050
AC 7010 SOLD and Air
JD 2640 w/loader
Ford 4500 w/loader
Case D 580 Loader
Case 480D
Farmall 300
MF 202 wheel loader w/loader & Mower
MF 165
Kubota B7100 w/loader & bucket

WAGONS

NH 1600 Bale
NH 1010 Bale
NH #8

RAKES

(2) NH 200 V Tandem Hitch
(2) NH 256 IH 35
NH 258 Ford 3 pt. Hitch
NI Bar

COMBINES

NH TR 70 w/Flexhead 6 R Cornhead
NH 985 w/Grain Head & Corn Head
JD 105 w/444 C.H. and G.H.
JD 55 w/12' Grain Head
AC CII
AC F330 Corn Head

MANURE SPREADERS

(2) NH 395 Tank
NH 362 Tank
NI 214
Hawk Bilt 207

HARVESTERS

NH 1895 SP w/3 Row narrow head and windrow pickup
NH 880 w/2R W and 1R pickup
NH 717 w/1R head
NH 770 w/717 R2 and 1R pickup
NH 1880 SP Cat. Dsl. w/2 new style heads, 3Rn and Windrow pickup SOLD
JD 3960 w/2R head and Windrow pickup
NH 880W w/880 EN2 and 880 N3

MOWERS

FMC 10'
NH 451 Sickle Bar
JD 25A Flail
(3) NH 462 Disc

CORN PLANTERS

White 6R no-till air
IHC 8 R Cyclo
IHC 4R Cyclo
IHC 6 R No-Til
JD 1440 No-Til
AC 4R no-til w/gran. fert.
AC 6R no-til air w/gran. fert.
AC 4R no-til w/liquid fert.
AC 700 6 Row

MOWER CONDITIONERS

(3) NH 460
(4) NH 479
NH 479H
NH 490
NH 467
NI 290 Mow/ditioner
(2) NI 279 cut/ditioner
NH 1465 SOLD dro 12' SP
Hesston 6720 windrower
NH 495

BALERS

NH 268 w/thrower
NH 273 w/54A thrower
NH 270 w/50 thrower
NH 282 w/thrower
NH 283 w/62 Thrower
NH 315 w/56 Thrower
NH 320 w/70 Thrower
JD 346T
JD 24T

SKID LOADERS

NH L 775 gas
NH L778 diesel
NH 445 w/Deutz Diesel

CORN PICKERS

NI 323 1 Row Picker
NI 324 Super Sheller
NI 324 Corn Picker 2 Row

MISCELLANEOUS

Little Giant 32' Elevator
AC 2000 Disc
NH 360 Grinder Mixer
NH 35 Grinder Mixer
Rhino 7' Scraper Blade
Tandem Axle Sprayer
Brady stalk shredder
Hesston Stakhand #10
IH 770 Disc

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Complete
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REBUILDING
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A.C. and Wisc. 2 and 4 cyl. power units with or without clutch reduction.

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Joe S. Stoltzfus

Ford Jubilee w/Sauder loader
JD 40 Tractor w/3 pt. Hitch & 2 R Cultiv.
AC 7045 Tractor
AC 5040 Tractor
AC 185 Tractor
AC 170 Gas Tractor
AC D17 Series #4
8C Hydra-Mac Skid Loader
NI 213 Manure Spreader
NI 212 Sgl. btr. spreader
NI #224 sgl. btr. spreader (10 ton)

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1500 Gallon Honey Wagon w/Injectors.
Demonstrated 3 Times.
$7000
EXCELLENT COND.
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VERMEER | Vicon
Peach Bottom, Pa.
717-548-3775 or 717-548-2094

VERMEER EQUIPMENT
2-new 605H balers
3-used 504F balers
1-used 605F baler
2-new 504 H balers
1-demo 504 Super G
1-used R21 A twin rake
2-new R23B twin rakes (Special)
1-8' heavy duty blade
1-7'6" disc mower-conditioner
2-F100 bale feeders and trailer
1-#340 irrigation traveler and dual hose reel

TRACTORS & SKID LOADERS
1-new Agri Power 9000, 113 hp, $16,700
1-new Agri Power 4000, 48 hp, $7000
1-new Lahman 30 hp, 2 buckets, $10,000

VICON EQUIPMENT
2-8 wheel V rakes, new and used
2-6 wheel rakes, new and used
2-5 wheel rakes, new
1-2400 lb. spreader
3-1900 lb. spreaders
2-1400 lb. spreaders
2-950 lb. spreaders
2-600 lb. spreaders
2 & 4 Star tedders
2-8' disc mower, new and demo
2-8' mower-cond., new and demo
1 ea.-10' and 15' power harrows
1-RP 1200 round baler, demo
1-RP 1500 round baler, demo

MISC. EQUIPMENT
2-Sunmaster 60" rotary mowers, new
2-36" log splitters
1-Hesston 10' hydro swing, used
Hale manure irrigation pump
Zimmerman Wagons

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USED EQUIPMENT IN STOCK
JD 4630 Cab, Air, QR
JD 216 Flex Platform
JD 220 Flex Platform
Sunmaster 7½' Mower
Ford 10' Heavy Duty Rear Blade
JD 950 Roller Harrow 12'
JD 400 Rotary Hoe 20'
JD RM 630 Cultivator
16.9x28 Duals
AC M2 Combine both heads
GE Electrak Lawn Mower
JD 214 Lawn Mower

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Evenings Call Gary
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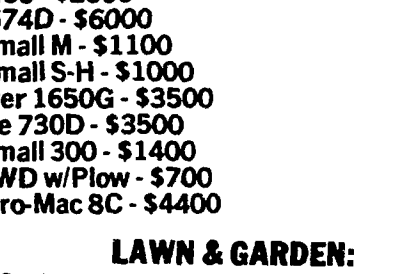
MILLING & DRILLING MACHINES
with motor, reversing switch, R-8 spindle, drill chuck, drill vise, end mill, work light, draw bar
SALE
MODEL RF-20 $895
MODEL RF-30 $1295



SPECS	RF-20	RF-30
SWING	13.7"	16.5"
STROKE	4.0"	5.0"
TABLE	5.2" x 20.5"	8.26" x 28.74"
TRAVEL	6" x 12"	6" x 18"
RPM'S	80 to 1700	135 to 2440
MOTOR	1 HP 1 PH	2 HP 1 PH

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All New Farm Equipment
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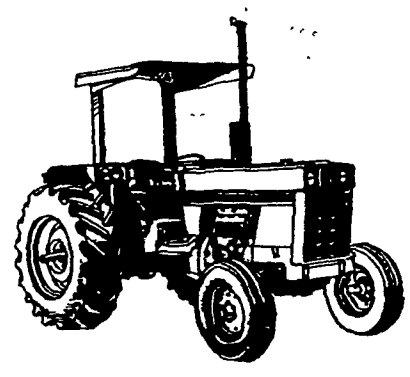


NEW EQUIPMENT
584 Tractor w/2250 Loader - $13,460
584 Tractor - $11,950
284 Tractor - $5540
244 Tractor w/4-Wheel Drive - $5250
720 5F Plow - $6400
5500 Chisel Plow - $1500
800 4R Cyclo Planters - $6900 ea.
510 Grain Drills - $4150 ea.
425 Baler w/Thrower - $6200
35 Rakes - $1800 ea.
781 Forage Harvester w/2R Head - $9900
881 Forage Harvester w/2R Head - $12,000
600 Blowers - $2365 ea.
1190 Mow/Conditioner - $4400
595 Spreader - $6800
120 Forage Boxes w/385 Wagons - $5200 ea.
1250 Grind/Mixer - $5600
475 Disk - $4250
1300 Mower - $1525

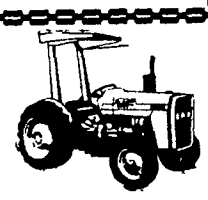
USED EQUIPMENT:
IH 990 Mow/Con. - $1500
IH 234 Corn Picker w/Sheller - $2500
IH Spring Harrow - $300
IH 540 4F Plow - $800
IH 531 3F Plow - $300
Oliver Plow - $200
IH 370 Disk - $1300
AC CII Combine - $4500
IH 400 Corn Planter - $2000
IH 56 Corn Planter - $1500
IH 455 Corn Planter - $2000
NH S-717 For /Harvester - $2000
Pull-Type Combines - $200-$400 ea.
NH Mower - $625

USED TRACTORS:
IH 886 - $18,000
IH 1586 - $23,000
IH 806 - $7000
IH 460 - $2500
JH 574D - $6000
Farmall M - $1100
Farmall S-H - $1000
Oliver 1650G - $3500
Case 730D - $3500
Farmall 300 - $1400
AC WD w/Plow - $700
Hydro-Mac 8C - $4400

LAWN & GARDEN:
482 Cadet w/Mower - $2200
582 Cadet w/Mower - $2000
1282 Cadet w/Mower - $2900
268 Snow Blower - $500
255 Power Washer - $500
55 Riding Mower - $400
85 Riding Mower - $975
Cub Cadet Trailers - Low as $50

NEW EQUIPMENT
3288 - $23,800
5088 - $32,200
300 G. Walsh Sprayer - $1600
230 McCurdy Gravity Box - $530
8-T Electric Wagon w/New 11L5 Tires - $900

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT



MF Massey Ferguson

TRACTORS & EQUIPMENT

IH 184 Tractor w/Mower
IH 284 Tractor w/Mower
Ford Loader for Ford 2000, 3000 and Any to 8N
AC D17 Dsl. Tractor
MF 50A Tractor, Loader, Backhoe
MF 3165 Tractor w/Loader & Cab
MF 40 Dsl. Tractor and Loader
NH 489 Haybine
NH 892 Fg. Harvester
NH 718 Harvester w/822 Head & Pickup
NH 36 Crop Chopper
NI Cut/ditioner
IH 440 Baler
NH 270 Baler w/thrower
NH 269 Baler w/thrower
NH 1010 Bale Wagon
NH 510 Manure Spreader
NI 213 Manure Spreader
AC 516 Plow
NH 451 Mower
IH Rake

NEW M.F. EQUIPMENT

MF 520 disc harrow
MF 275 Tractor
MF 285 Tractor
MF 245 Tractor
MF 265 Tractor
MF 210-4 Tractor
MF 1010 Tractor
MF 40B w/Cab
MF 40B w/Cab
MF 20 Turf Tractor
MF 124 Baler
MF 34A Loader
MF 34A Loader
MF 32 A Loader
(2) MF 216 Loader
MF 640 Corn Planter
MF #43 2B Plow
MF 820 Disc Harrow
(2) MF 320 Disc Harrows
MF 226 Scraper Blade
MF 227 Scraper Blade
MF 124 Baler w/Thrower
MF 218 3 pt. Rotary Cutter

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YEAR END SPECIALS

Wisconsin

VH4D 30 HP for N.H. Loader	$1425
w/clutch-reduction, electric start.	$1895
Crank start	$1550
AENLD 9 HP w/clutch reduction	$900
S14D 14 HP w/clutch reduction electric start	$1275
VG4D 37 HP w/clutch reduction	$2275
V465D 65 HP w/clutch reduction	$2800

(Engines in stock to fit most popular skid loaders)

Wisc.-Robin

W1-145 3.5 HP	$205
EY18-3W 4.6 HP	$249
EY27W 7.5 HP, recoil	$326
EY27W 7.5 HP, electric start	$468
EY27W 7.5 HP, w/clutch reduction	$413
EY27W 7.5 HP w/pump shaft	$320
EY44W 10 5 HP, recoil	$450
W1-390 11 HP, electric start	$589

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KF24GS, 2.4 HP, 2100 rpm	$129
KF34GS 3.4 HP, 2100 rpm	$139
KF53GS 5 HP, 2100 rpm	$145
KF64GS 6.5 HP, 2100 rpm	$185

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G200 5 HP.	$250

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F2L511, 2 cyl.	$2100
F2L410, 2 cyl., used	$1150
F5L912, 5 cyl., used 200 hrs.	$4200

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256 Diesel (Fit 5000 Tractor)	$1050

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Dual 18.4 x 34's,
PTO, 3 Pt., 3 Remotes, Diff. Lock
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IH F1066D
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IH F1256
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Oliver 550 w/Loader
IH 300 Utility

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IH 211 2F 16"
IH 311 3F 16"
IH 312 Plow
IH 411 4F
IH 560 Plow
IH 700 6F Auto. Reset
IH 412
3F Trailing Plow
MF 5F 14" Mounted
JD 3 pt. 3F Plow
Ford 5F 18"
Oliver 2F Trailing

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IH 122 Mtd. Disc Harrow
IH 4500 V.S. 12 Ft.
Lely Power Harrow
JD KBA Disc

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IH 500 Planter, 6 Row
Pittsburgh 4-Row 3-pt. Cultivator
IH 400 Cyclo, 6 row, N
IH 400 Cyclo 4 Row
JD 494 Planter
JD 15x7 Drill
JD FB 177B Drill, 17x7
MF 468 4-R Planter
MF 4 Row Cult.
Ontario 13x7 Drill

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Bobcat 743
Case 1530
IH 3200
Gehl 2600

Hay Machines
IH 27V Mower
IH Cub 222 Mower
JD 14T Baler
AC 303 Baler
NH 282 Baler
NH 3 pt. Mower
NI Mower
NI 290 Mower Conditioner
NI 402 Rake
MF Rake

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IH 91
IH 127
IH 715 Combine
IH 227 Corn Head
IH 429 Corn Head
IH 744 Corn Head
MF 35 Combine

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IH 650 Forage Harvester
IH 56 Blower
JD 6 Harvester
JD 34 Harvester w/2 Heads
JD 16A Flail Chopper
IH Hay Pickup 550/650
IH Direct Cut 350
AC 780 Harvester
Fox 546 Harvester
NH Flail Chopper
NH 717
IH 42 Blower
NH 23 Blower
NH 25 Blower

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JD 110 w/Mower and Snow Thrower
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Snapper Comet riding mower
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Sauder 7 ft. Snow Blade
IH 1850 Loader
IH 2000 Loader
IH 175 Spreader
IH 540 Spreader
NI 214 Spreader
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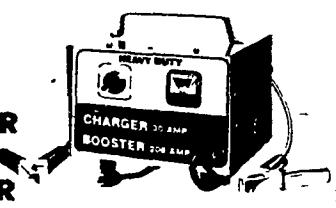

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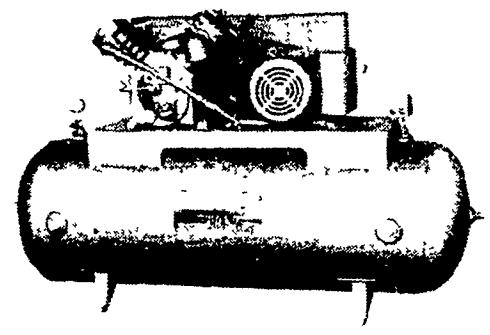

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5 H.P., 80 Gal. Vertical Tank
Our Regular Price..... $1795.00
SPECIAL..... $1495.00
NOTE: We have 4 units available at this Special Price. 3-Single Phase and 1 Three Phase, all with vertical tanks.

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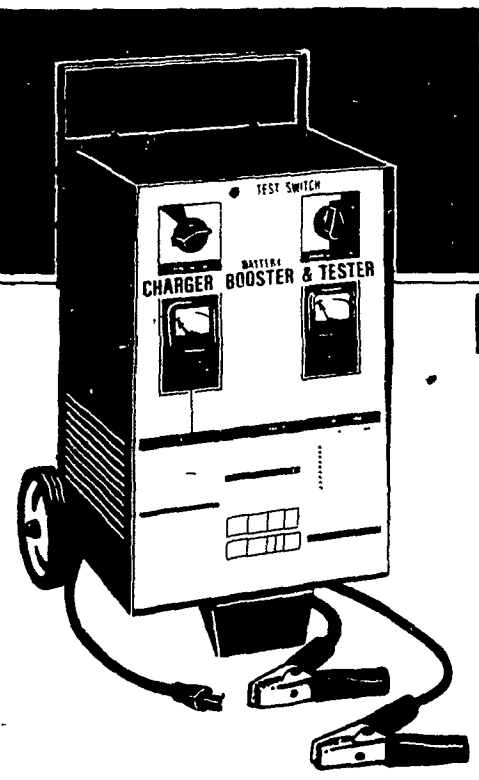

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Plus—

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Now We Can Offer You A LAMCO Classic Wood Stake Body with an ENERGY Scissor Hoist (2 ton capacity) completely installed on your truck for only $1995.00

Buy Now - Price Increase Coming January 1983

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- 2 - 12 ft. w/40" or 52" Steel Grainsides
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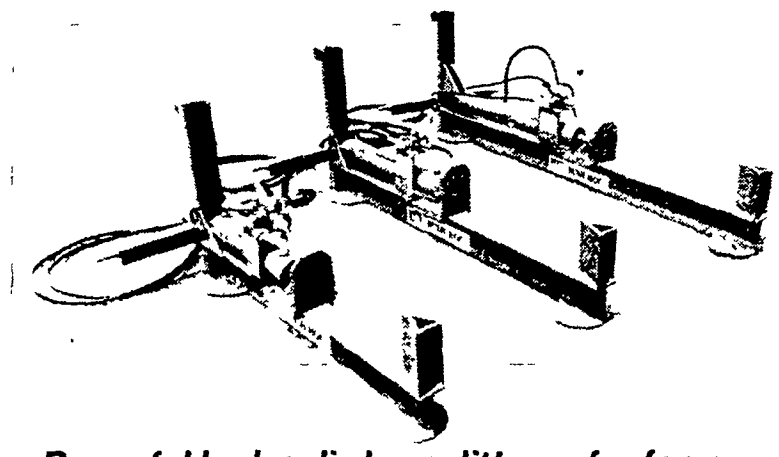
- 1 - 18 ft. w/52" Steel Grainsides
- 1 - 19 ft. w/52" Steel Grainsides
- 1 - 20 ft. w/52" Steel Grainsides

20 MORE OMAHA STANDARD GRAIN BODIES COMING IN JANUARY 15, 1983

BUSH HOG® LOG SPLITTERS



Powerful hydraulic log splitters - for farm, campground, and commercial usage.

Model LS-19A	Model LS-27A	Model LS-33A
19" Log Capacity	27" Log Capacity	33" Log Capacity
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- 1- 155-884-A, .010 Rods & .010 Mains 1600, 1650, 1655, Gas
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¼ Mile East of Exit 6 I-81

Yuletide Greetings

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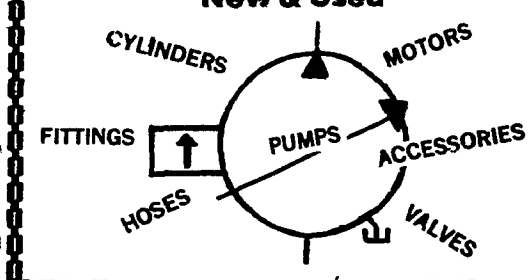

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SALES - SERVICE - INSTALLATIONS

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What better time to wish our friends and patrons all the health and happiness 1983 has to offer?

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JD 105 Combine
JD 727 rotary mower
JD 7000, 8 row, 30" corn planter w/Liquid Fertilizers and Monitor
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JD 485 mower conditioner
JD 3800 Chopper
JD 2450-6 Btm. on Land Hitch Plow
Oliver 5x16 Plow
1-JD 2630 tractor
1-JD 4020 tractor
1-JD 1250, 3 btm. plow
1-JD 2450, 5 btm. Om Land plow
1-JD 34 spreader
1-JD AW disk harrow, 14'

NEW EQUIPMENT
JD 7100 8-row 20" bean planter
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JD 2450-7B-16" On Land Hitch Plow

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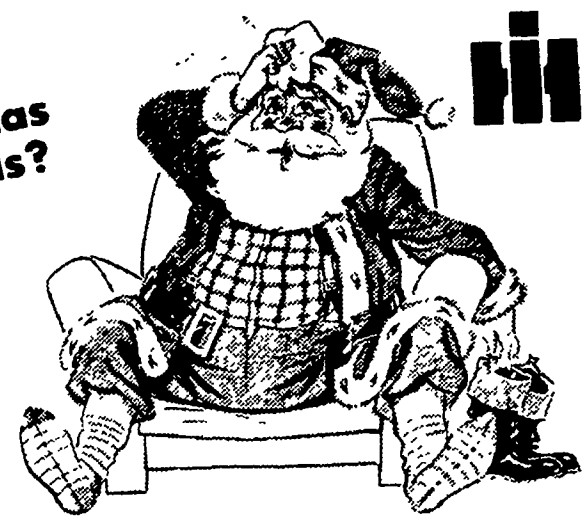
After Christmas Specials?



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New Gehl HL 360 Skid Steer Loader (Demo) $6,895
New Gehl HL 2600 Skid Steer Loader (Demo) $5,995
New Woods RB600 6 Ft. Blade (Shop Worn) $ 450
New SAME Saturno "80" (4 WD, 80 HP) w/Hardy Loader..... $17,995
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Used Universal Skid Loader..... $3,195
Used Bobcat 632 ..... $6,295
Used Gehl 4400 (only 1450 Hours) $7,500
Used C[SOLD]37 (excellent condition) $4,995
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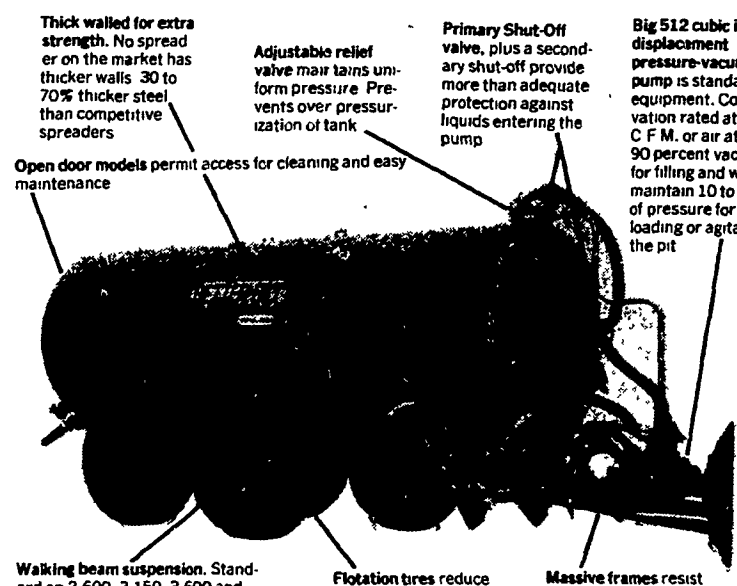
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Adjustable relief valve maintains uniform pressure Prevents over pressurization of tank
Primary Shut-Off valve, plus a secondary shut-off provide more than adequate protection against liquids entering the pump
Big 512 cubic inch displacement pressure-vacuum pump is standard equipment. Conservation rated at 135 C F M. or air at 85 to 90 percent vacuum for filling and will maintain 10 to 15 lbs. of pressure for unloading or agitation in the pit
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Walking beam suspension. Standard on 2,600, 3,150, 3,600 and 4,600 gallon models (Optional on 1,500 & 2 100 gallon models) Front & rear wheels on each beam follow contour of the ground provides a smooth level ride
Flotation tires reduce soil compaction, let you spread on soft ground early in season
Massive frames resist the wrenching, twisting, jolting shocks of hard field usage, year after year.

Sizes - 800 gal. thru 4600 gal.
Both vacuum & augermatic spreaders for truck mount or trailer type

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1 - USED BETTER BILT 2600 Gallon VACUUM SPREADER w/Tandem Axle and 4" Suction Hose, Plow Down Attach.

1 - Used 5½ ft. Pickup Head for JD 3940 Harvester, good condition.
One 7' Myers snowplow for Ford ½ ton pickup, good condition

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- Farrowing Crates
- Lagoon Pumps
- High Pressure Pumps

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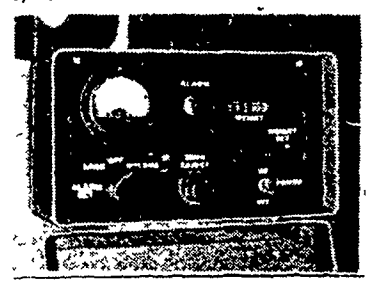
COME TO WHERE THE MIXERS ARE IN STOCK SEE THE NEW MODEL 115 Cu. Ft.

Make every bite right.

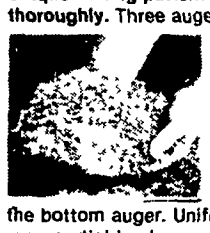
Combine Ensilmixer® feed mixer, with scales, and a Jamesway® TMR system.

You can increase production. Reduce feed costs. And improve labor efficiency. All, when you use an Ensilmixer feed mixer, with scales, by Oswalt® to round out your Jamesway *Total Mixed Ration (TMR)* feeding system (including silage distributor-unloaders, conveyors and cattle feeders). Or, use it with any mechanized feeding system. Whether you prefer the stationary, trailer-mounted or truck-mounted model, it's a real profit-building management tool

Precisely weighs ingredients. Accurate weighing means consistent, balanced rations; eliminates waste Lets you calculate the amount of feed needed and mix that much. Weigh bar system is standard, electronic scales optional.



Unique mixing pattern blends feed thoroughly. Three augers move feed from front to back and side to side. Reverse *flighting at both* ends lets feed fall freely for recirculation or *discharge by* the bottom auger. Uniformly mixes even partial loads.



That's why the Ensilmixer feed mixer, with scales, and TMR feeding system are right for you as well as your cattle. And, can help make farming just a little bit better. Ask your Jamesway Power Choring dealer.

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"Total Mixed Ration" With
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Case 1090 18.4x38 (New) Power Shift
Case 1170 Cab-Heat-8 5 Spd. 20 8x38 (New)
Case 900 w/Pulley

LOADERS
1530 Uni Loader
Uni Loader Broom
Mustang 330
1845 G
Case 580 Backhoe

NEW IDEA
206 Spreaders
325/314 Picker Sheller
323 Pickers
214 Spreader
224 Spreader
325/327 Corn Picker

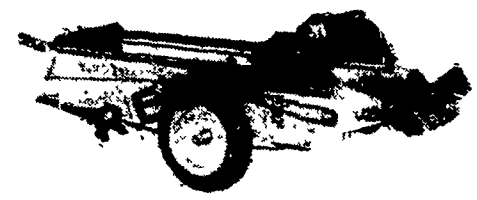
MISCELLANEOUS
Ford 101 Plow
NH Lime Drill
Case 12' Disc Harrow
NH 371 Flail Spreader
Case Auger Elevator
MF 880 6, 7Btm, plow
Wetmore 878 Grinder Mixer
Case 555 Mower Conditioner
Bush Hog 12' disc
JD 345 4Btm plow
IH 40 Stalk shredder

FORAGE
JD 65 Blower
Stauffer Forage Box
Fox HA Harvester
Gehl 910 Forage Box
JD 3800 Harvester
NH 27 Blower
Hesston Blower
JD 115 Forage Box
IH 110 Forage Box
Gehl 99 Blower

UNI-SYSTEM
702 G Power Unit
702 D Power Unit
710 Combine
743 N Head
767 Harvester
738 4RN Head

DEMO SPECIAL
Martin 1263 Scavenger $6300

206 GROUND DRIVE SPREADERS IN STOCK



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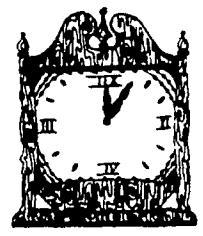
PARTS CLERK - HENRY ESHELMAN
STOCKMEN - CLARANCE, JIM, JOHN



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YEAR-END SALE

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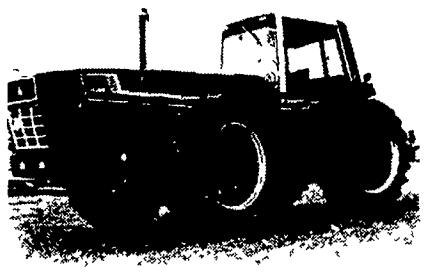
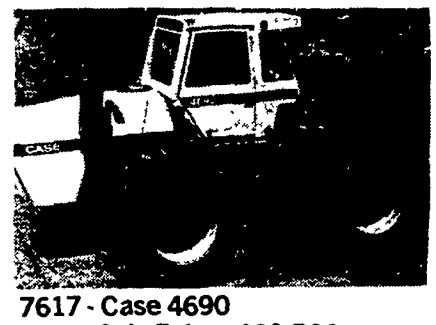
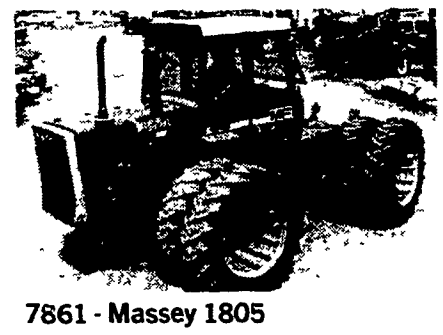
USED TRACTORS



8008 - IH 3588
Sale Price - $26,500



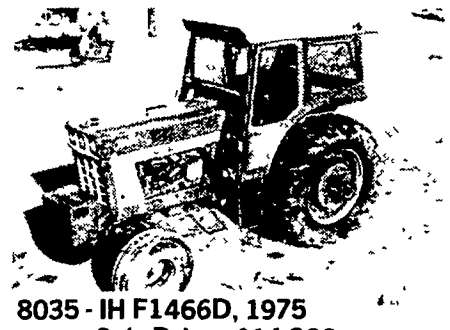
7617 - Case 4690
Sale Price - $39,500



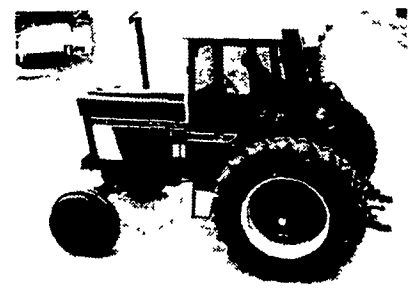
7861 - Massey 1805

7373 - Deere 8630
Sale Price - $34,500

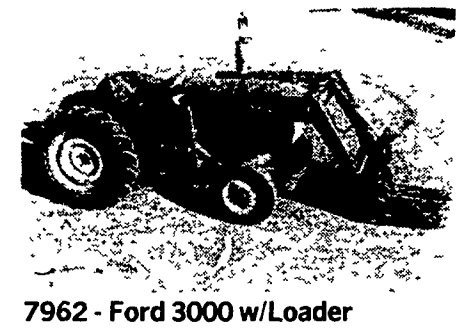
7305 - White 2-155
Sale Price - $19,800



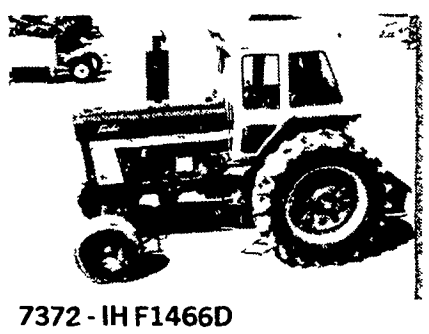
8035 - IH F1466D, 1975
Sale Price - $14,900



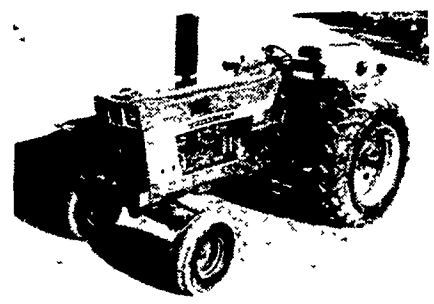
6432 - IH F1586D
Sale Price - $19,750



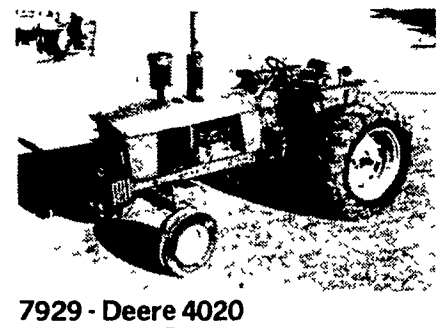
7962 - Ford 3000 w/Loader



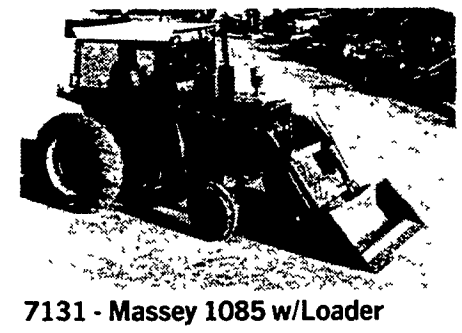
7372 - IH F1466D
Sale Price - $14,900



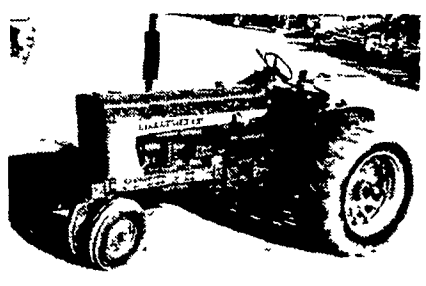
7569 - IH F1066D



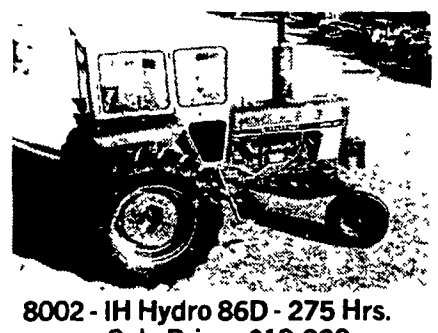
7929 - Deere 4020
Sale Price - $7,500



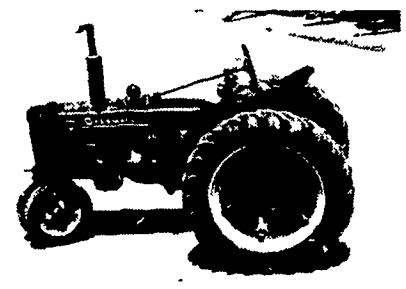
7131 - Massey 1085 w/Loader



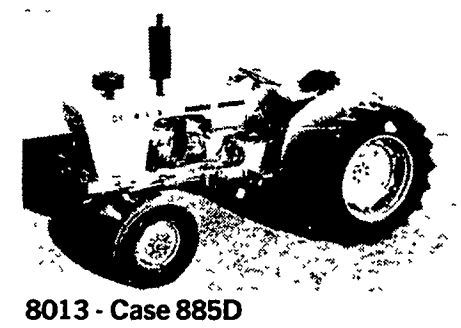
7606 - IH F706D



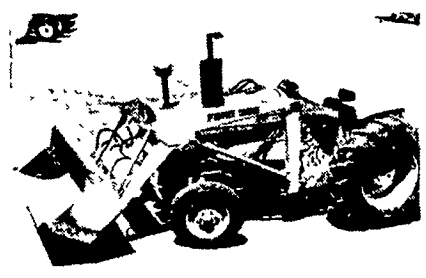
8002 - IH Hydro 86D - 275 Hrs.
Sale Price - $18,000



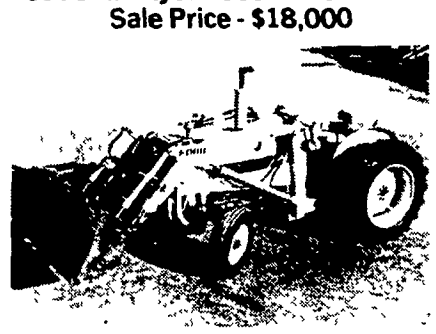
7825 IH Farmall H



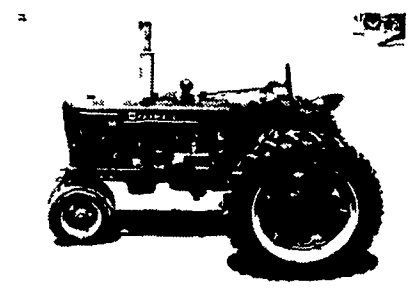
8013 - Case 885D



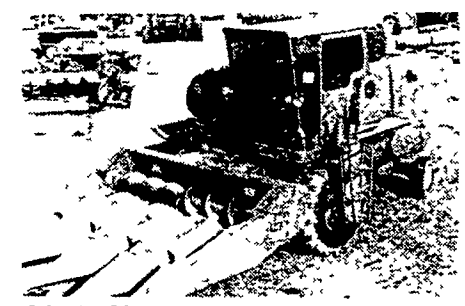
7449 - Ford 335D Loader



8033 - Ford 3400

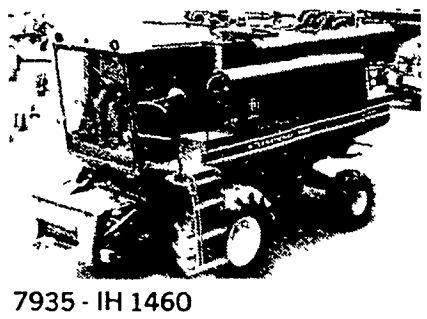


7500 - IH Farmall M
Sale Price - $1,695

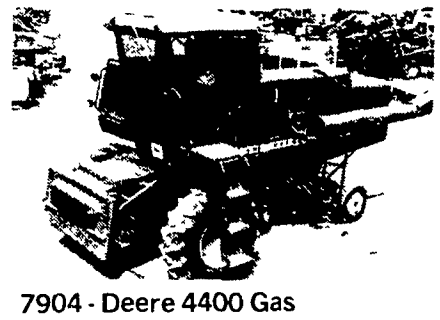


8010 - Massey 510D w/New 1143 Head

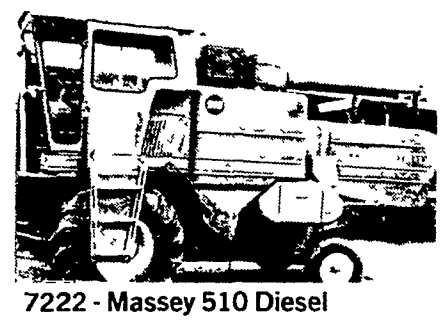
USED COMBINES



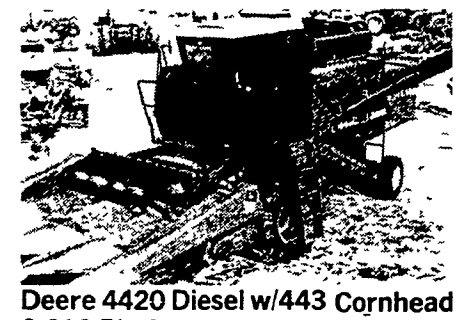
7935 - IH 1460



7904 - Deere 4400 Gas



7222 - Massey 510 Diesel



Deere 4420 Diesel w/443 Cornhead & 213 Platform

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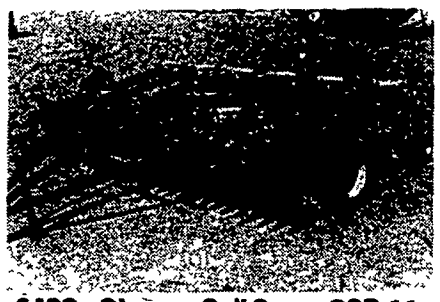
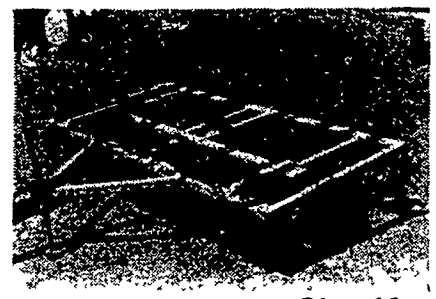
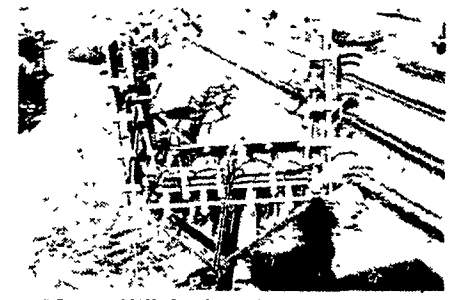


6493 - Glencoe Soil Saver SSP-11
Sale Price - $3,975

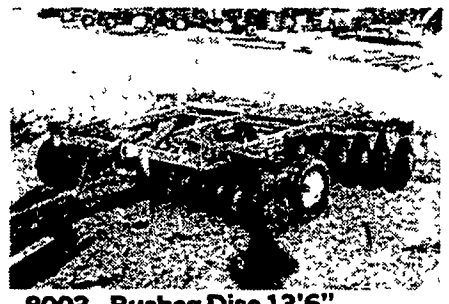


7537 - Wilbeck Digger Disc - 11 Shank Sale Price - $5,500

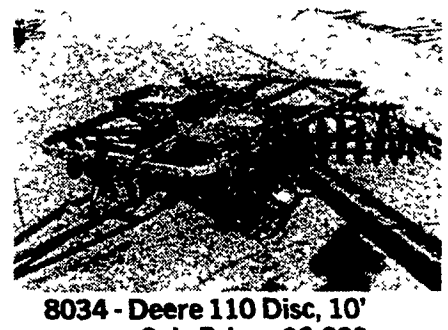


8031 - Wil-Rich 32' Field Cultivator

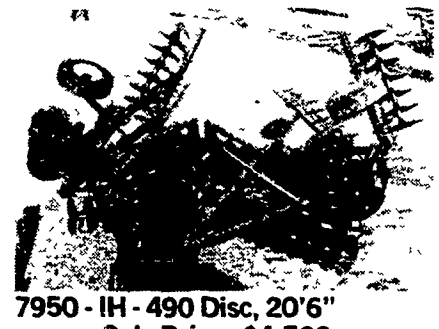
7893 - IH 45 Vibra Shank - 16½'



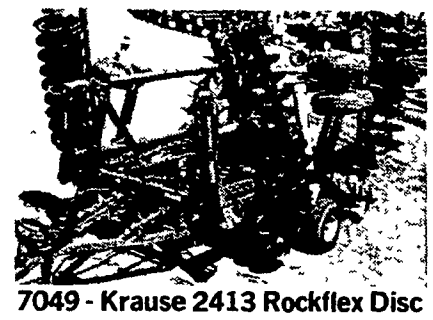
8003 - Bushog Disc 13'6"
Model 1437 Sale Price - $4,500



8034 - Deere 110 Disc, 10'
Sale Price - $2,200

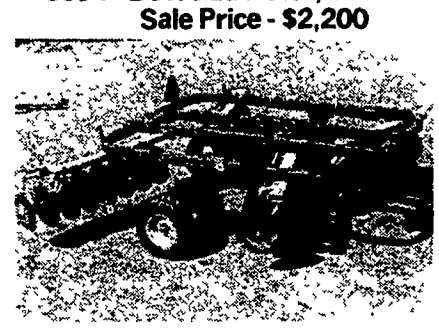


7950 - IH - 490 Disc, 20'6"
Sale Price - $4,500



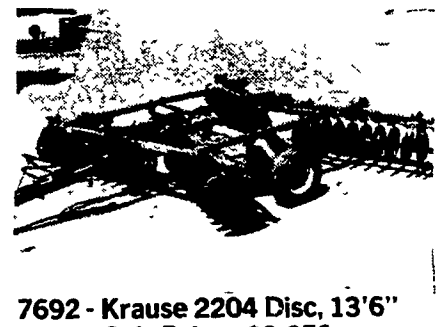
7049 - Krause 2413 Rockflex Disc

7577 - Deere 310 Disc

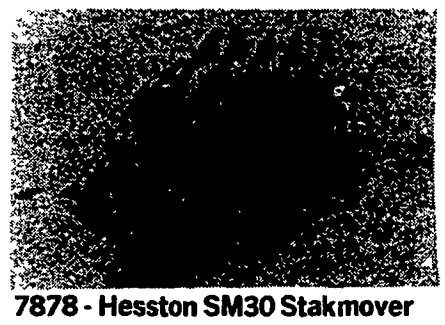


6332 - Deere 310 Disc
Sale Price - $2,600

7880 - Bush Hog Disc - 25'
Sale Price - $3,450

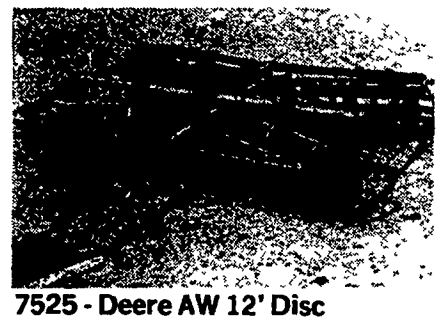


7692 - Krause 2204 Disc, 13'6"
Sale Price - $3,950

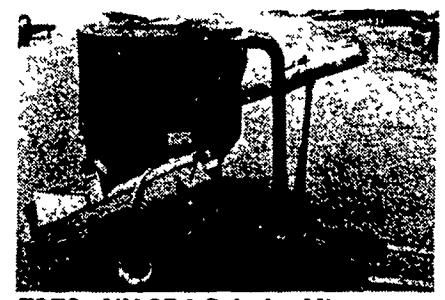


7878 - Hesston SM30 Stakmover

6972 - Deere Offset 12' Disc
Sale Price - $1,550

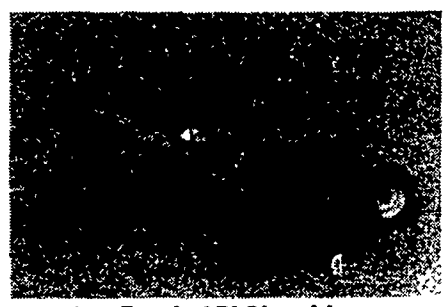


7525 - Deere AW 12' Disc

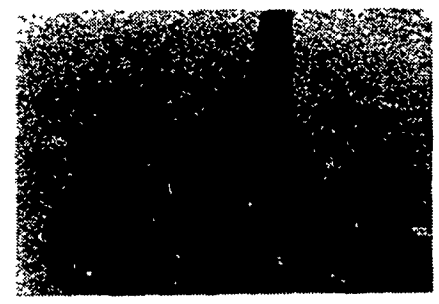


7979 - NH 354 Grinder Mixer

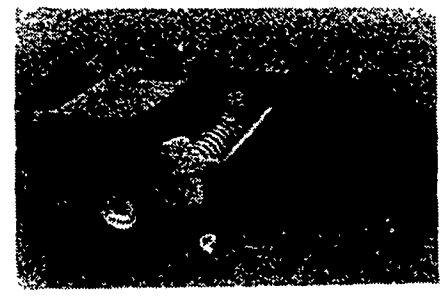
MISCELLANEOUS



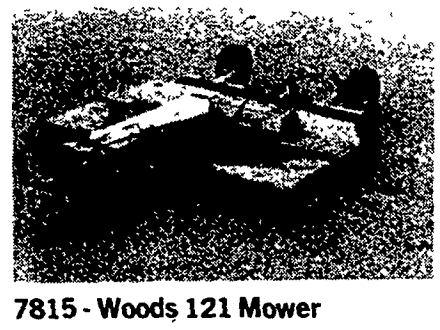
7321 - Brady 15' Shredder
Sale Price - $3,975



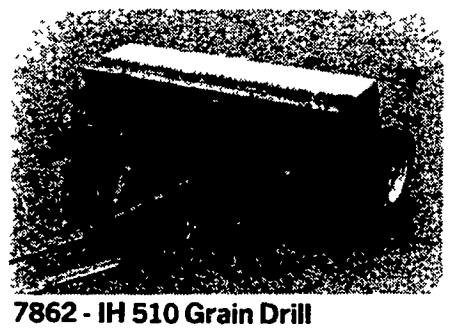
7552 - NH 27 Blower



6987 - IH 430 Baler

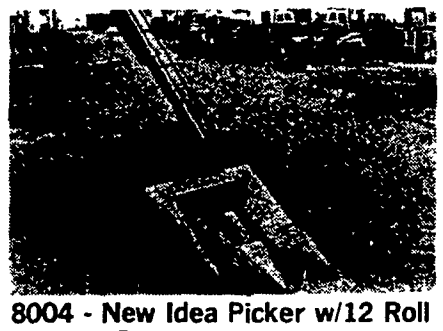


7815 - Woods 121 Mower

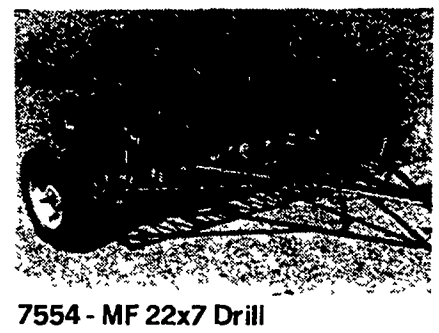


7862 - IH 510 Grain Drill

8005 - New Idea Picker Sheller - 2R



8004 - New Idea Picker w/12 Roll Husking Bed



7554 - MF 22x7 Drill
Sale Price - $1,875

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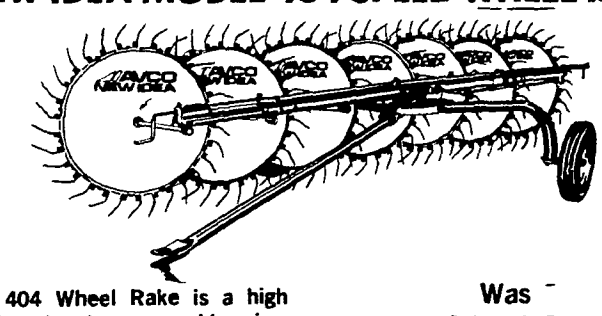
FARM EQUIPMENT

FARM EQUIPMENT

Winter Specials...

NEW IDEA MODEL 404 SPEED WHEEL RAKE

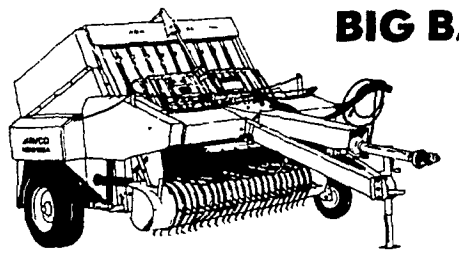


The 404 Wheel Rake is a high quality rake at a reasonable price. Rakes fast and clean in any field... smooth, uneven, contoured or hilly. Plus, it costs less to buy and less to maintain.

Was ~~$1,150~~

TRUCKLOAD SPECIAL $1050

BIG BALER SPECIAL



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Bethel, PA
Phone 717-933-4114

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Oliver 1755
Long 350

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NH 268 Baler w/Thrower
NH 269 Baler w/Thrower
NH 68 Baler
Oliver 620 Baler w/Thrower
NH 461 Haybine
NH 469 Haybine
Gehl 880 Mower Conditioner
NH 55 Rake

FORAGE TOOLS

NH Super 717 w/1-Row
NH 707 3 pt Harvester w/1-Row
IHC 16 w/1-Row & Pickup
Kools KB 60 Blower
JD 15A Crop Chopper
NH 36 Crop Chopper
NH No. 8 Forage Box w/Roof

SPREADERS

NI 212 Spreader
NH 510 Spreader
NH 367 Tank Spreader, LH

TILLAGE PLANTING

White 5400 Planter
JD 1240 4-Row w/Monitor
Brillion 14 Transport Harrow
IHC 550 5 16 Plow

CORNPICKERS

IHC 2 MH Cornpicker

SKID LOADERS

NH L35

COMPACT TRACTORS

Kubota B6000 E w/Woods RM 59 Mower
Farmall Cub Lo-Boy

NEW EQUIPMENT IN STOCK

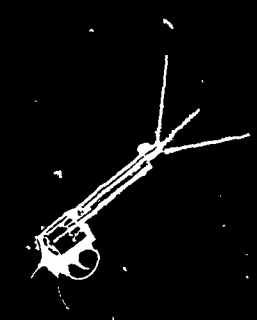
WHITE 2-55 Tractor
WHITE 2-65, 2&4 Wheel Drive
WHITE 2-75 Tractor
WHITE 2-85 Tractor
WHITE 2-88 Tractor
WHITE 2-105 Tractor
WHITE 2-110 Tractor
WHITE 2-135 Tractor
WHITE 543, 4 & 6R Planter, No Till
WHITE 5100, 4 & 6R Planter, No Till
WHITE 254 10' 4" Disc
WHITE 348 SAR Plow
WHITE 508 SAR Plow
WHITE 466 Chisel Plow
WHITE 285 Field Cultivator
NH L425 Loader

NH 707, 718, 782, 892 Harvesters
NH 310, 311 & 315 Balers
NH 847 Round Baler
NH 80 Bale Mover
NH 488, 489 & 1495 Haybines
NH 256 & 258 Rakes
NH 38 Crop Chopper
NH 28 & 30 Blowers
NH No. 8 Forage Box
NH 513, 519, 679 Spreaders
NH 363 Tank Spreader
NH TR75 Combine
KUBOTA - All Sizes In Stock
BOBCAT 642 & 743
TYE No Till Drill
GLENCOE 7' Tooth Soil Saver

KUBOTA | bobcat

NORMAN D. CLARK & SON

Honey Grove, PA 17035 - Phone 717-734-3682
Located 14 Miles South of Port Royal on Rt. 75



WANTED DEAD OR ALIVE

Buyers for the most outstanding group of reasonably priced used tractors ever assembled at any farm equipment dealership. C&W will back the sale of any of the used tractors listed below with a

Fantastic 120 Day Guarantee

Farmall 766 diesel 85 HP, wide front end, 3 pt. hitch, 1973 model, good rubber, 18.4x38 rear tires, very good condition $13,750
Farmall 806 diesel, 95 HP, wide front end, 3 pt. hitch, year-a-round cab, axle mounted dual 18.4x34 rear tires, new clutch, clean tractor $8,750
Farmall 1086 diesel, 131 HP, cab, air conditioning, 20.8x38 rear tires, 1100x16 front tires, 1978 model, used 437 hours, like new condition ... $23,750
IHC 464 gas utility, 45 HP, 3 pt. hitch, independent power take-off, dual remote hydraulic valves, power steering, one owner, we sold it new in 1973, used only 481 hours, 13.6x38 rear tires, like new condition..... $6,500
Farmall 1256 diesel, 116 HP, tricycle front end, 3 pt. hitch, one owner, local tractor, 18.4x38 rear tires, used 4902 hours, excellent appearance and condition $11,500
Farmall 1066 diesel, 126 HP, 1974 model, year-a-round cab, 20.8x38 rear tires, one owner, local tractor, used 2496 hours, excellent appearance and condition, purchased from C&W in 1975..... $16,500
IHC 574 diesel utility, 53 HP, used 2994 hours, one owner, dual remote hydraulic valves, 3 pt. hitch, independent power take-off..... $6,500
JD 2520 diesel row crop, 61 HP, synchro-range transmission, dual remote hydraulic valves, used 3471 hours, 16.9x38 rear tires w/90% tread, 3 front end weights, one set rear weights, Hinson cab, very good condition $8,250
IHC 4140 skid loader, 4 cylinder watercooled 40 HP engine, hydrostatic all gear drive, lights, used 937 hours, C&W sold it new in September 1979, 60" manure fork, 60" material bucket, excellent condition $9,750

NOTICE

Waiver of finance available until 3/1/83 to qualified buyers on most equipment listed in this ad

Hyster model H60C 7500 lb. forklift, 73 model F227 Continental engine, 10' mast, power steering, dual solid drive wheels
$8,000

USED TRACTORS AND EQUIPMENT

- IH 830 forage harvester w/2 row corn head $6,500
- NH 880 harvester w/2 row corn head..... $3,750
- IH #16 harvester w/1 row corn head, clean $1,000
- Gehl harvester w/2 heads $500
- JD #24T baler w/thrower $1,200
- IH 37 baler w/thrower $800
- IH 110 side mounted sickle bar mower..... $675
- IH #1300 sickle bar mower ... $1,375
- Athens 11'6" disk harrow, disked 10 acres $2,150
- Athens Rhino model 131, 13' heavy duty disc harrow w/16 bearing standards, 22" discs 4" cylinder, Midwest Buster Bar..... $5,950
- Walsh 500 gal. sprayer $1,500
- NH 40' elevator w/gas engine . $1,275
- IH #93 combine w/10' platform..... $3,000
- IH #71 flail mower $500
- McKee snowblower $500
- IH 540 185 bushel manure spreader $1,375
- Oliver 60 tractor..... $600
- Farmall 560 diesel 2 pt. hitch..... $4,300

Winter Service Special

10% Discount on IH parts used. No mileage charge on pickup and delivery on all service work performed in C&W's shop during month of January. Financing of repair jobs is available

1-800-692-7829

We ship parts by UPS daily We specialize in TLC guaranteed service.

C & W EQUIPMENT, INC.

260 York Rd., Carlisle, PA 17013
717-243-4419

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

MESSICK'S

Farm Equipment Is Our Business

1953-1983 30th Anniversary

MAKE A DEAL WITH US — *START THE NEW YEAR RIGHT!*

INTERNATIONAL-THE NEW NO. 1

3688 * 110 PTO hp

5288 160 PTO hp*

Looking for a clean Used Tractor? We have two

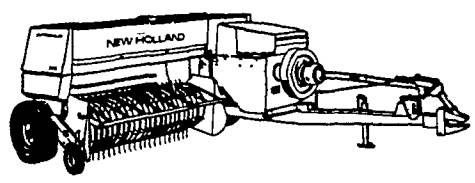
CREAM PUFFS!

Int. 1486 with 1200 Hrs.

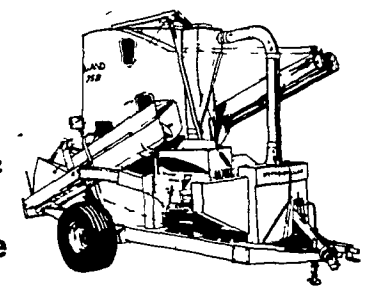
Int. 10[SOLD]ab, Air, 300 Hrs.

WAIVER OF FINANCE ON USED TRACTORS TIL MARCH 1, 1983

NH 320 Baler



Top of the Line for the Big Volume Hay Grower



NH Model 358 Grinder Mixer

Check these features:

- 125 bu. tank.
- 21 inch hammermill.
- 540 or 1,000 RPM drive
- Mechanical or hyd. drive.
- Remote unloading auger control.

ONLY 5% INTEREST

On New Holland Machinery, Limited Time Offer

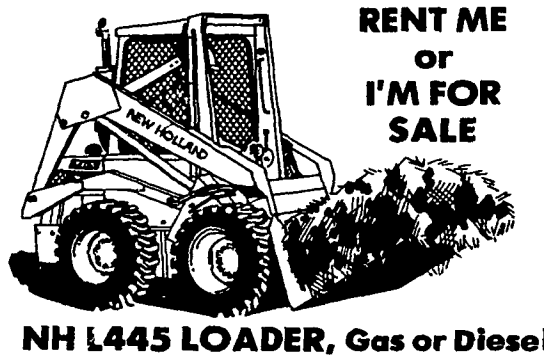
— OR —

0% Financing (12 Monthly Payments)

— OR —

CASH REBATES Ranging Up To $6,000

RENT ME or I'M FOR SALE



NH L445 LOADER, Gas or Diesel

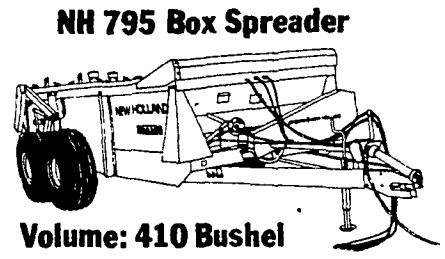
Free Finance Til April 1, 1983 or Cash Rebate

STRONG-BOXES

8 MODELS TO CHOOSE FROM

NEW ADDITION TO THE N.H. SPREADER LINE

NH 795 Box Spreader



Volume: 410 Bushel

CHECK OUT THESE HAY & FORAGE SPECIALS: PRICED RIGHT!

- NH 320 Baler & 70 Thrower, like new, used one season.
- NH 718 Forage Harvester, 2 row head & pickup attachment.
- Fox model 2310 heavy duty, 2 row new style head & pickup attachment.
- NH 30 Blower, 1000 RPM, used 1 season, ex.
- NH 851 Rd. Baler, auto. tie.
- IH 56 Blower, Heavy Duty PTO

Don't Forget 5% Interest or Waiver

GOOD CLEAN USED EQUIPMENT

TRACTORS

IH 656D Tractor
Int. 1486 w/1200 Hrs
Int. 684, 500 hrs.

HAY EQUIPMENT

IH 37 Baler w/Thwr
NI Mower Conditioner
IH 430 Baler & Thrower
N I Mower Conditioner, Like New
J D Hay Tedder
NH 68 Baler
NH 57 Baler
NH 65 Baler
NH Model 1495 Self Propelled Haybine
NH 53 Thrower to Fit 273, 275 Baler
Int. 1190 Mower Conditioner
NH 851 Auto Wrap Round Baler, Fully Equipped
NH 320 Baler w/70 Thrower, Ex Cond

PLANTERS

IH 400 Planter 4 Row
Tye No-Till Grain Drill w/Coulters & Press Wheels Ready to go! Like New
Int. 800, 6 Row w/No Till, Fully Equipped

TILLAGE EQUIPMENT

IH 531 Plow
IH 37 Disc Harrow 11 Ft 6" Cut
Brillion 10 Ft Packer
Brillion 16 Ft. Transport Harrow
Brillion 10 Ft. Transport Harrow
IH Little Genius 2 Bottom Plow
3 Pt. Disc Harrow
Athens 18 Ft Disk Harrow
Glencoe 13 Tooth Chisel Plow
Glencoe 13 Shank Chisel Plow
Bush Hog 10 Tooth Shank Chisel Plow
JD 40 Spreader

SPREADERS

REPOSSED NH 800 15 Ton Spreaders w/Hyd Gate, Fine Pan, Top Beater, Excellent Cond
JD 790 Tank Spreader
NH 345 Tank Spreader
NI 200 Bu. 3 Beater Spreader, Excellent

MISCELLANEOUS

Several Used Cub Cadets
NH 36 Crop Chopper

HARVESTING EQUIPMENT

IH Model 234 Mtd Corn Picker
NH Self Propelled 818 Diesel Harvester
880 N3 Corn Head
IH 15 Hay Rake
Bush Hog 5 ft Rotary Cutter Trailing
AC Model 630 6 Row Narrow Cornhead, Used 2 Seasons, Like New
Fox Model 2310 w/H D PTO Electric Power Sharpener, 2 Row New Style Corn Head & Pickup Attach Only Used ½ Season
NH Model 30 Blower, 1000 R P M
NH 717 Harvester, 2 Row Narrow Head
NH 717 N2 Narrow Row Corn Head
NH 718 Forage Harvester, 2 Row Corn Head & Pickup Attachment, Ex. Cond

SKID LOADERS

NH L425 Skid Loader, Excellent Cond SAVE $$$
NH 779D Skid Loader
NH L35G Skid Loader

STIHL®
The World's Largest Selling Chain Saw

From All Of Us At Messick's: THANKS To You, Our Customers, For Your Support Throughout The Year 1982 & Best Wishes For A Very Prosperous 1983 — Our 30th Anniversary Year!

MESSICK FARM EQUIPMENT, INC.

VISA

RHEEMS EXIT - RT. 283, ELIZABETHTOWN, PA
PHONE: 717-367-1319, 653-8867
WARREN SPICKLER — HOME 653-4560 RAYMOND MILLER — HOME 653-8762
★ WE SHIP UPS

Vicon | BESSTON CORPORATION | Brillion

New 8' cut mower conditioner	$7995.00	Hesston tractors SP and pull type windrowers	
10' power harrow	$4784.58	Hesston 5540 round baler	$7985.00
RP 1200 round baler	$7960.80	2 MF 510 combines	
CH 300 tedder rake	$1842.40	MF 300 with 2 heads	$3800.00
Vicon V rake	$2084.00	New 18' Brillion harrow	$1800.00
All models of Vicon rakes		Used New Holland and Hesston haybines	
Fertilizer spreaders in stock at super prices			

3 acres of new and used tractors, plows and all kinds of farm equipment
Distributor for Kory wagons and boxes

Erdley Farm Supply

R.D. 1, Lewisburg
717-524-2410
Night 524-2408 - 524-0713

Badger | OMC | AVCO NEW IDEA

JD 4020 WFE Side Console, Low Hrs
IH 656 Dsl. w/2000 Loader
IH Super C
IH Super H, Excellent
IH 2500 Industrial Tractor w/Loader
IH 2500 Tractor/Backhoe Loader
IH 1206 Tractor
IH 806 Tractor
IH 706 Tractor
IH 674 D Tractor
IH 656 D Farmall Tractor A-1 Cond
IH 656 Gas Farmall Tractor
IH 606 D Utility Tractor, Exc.
IH 574 D Tractor w/2050 Loader
IH 544 D Tractor Utility Hydro, Ft Pedal
IH 125 E Hi-Lift
IH 200 Farmall w/Cult & Front Blade
Case 800 D Tractor
Case SC Tractor
Ford 961 Tractor
IH 756 Diesel Tractor
Long 350 Low Hrs

JD 70 Skid Loader
#10 Hydra-Mac Skid Loader
Bobcat #310 Skid Loader, 110 Hrs

JD 2600 5B Auto Plow Variable Widths
IH 710 4x16 Plow Reset
IH 560 6x16 Plow
Long 2x14 3 pt hitch plow
JD 130 3B Plow 3 pt
JD 720 5B 20" Plow
Oliver 3x14 3 pt Plow
IH #55 9' Chisel Plow
JD KBA 12' Transport Disc
Case 8' Disc
Dunham Lehr 9' Disc
Kawanee 13' Disc
IH 19B Disc
IH 53 4 Row Cultivator
IH 263 2 Row Cultivator
Oliver 10 Ft Disc

IH 650 Harvester
IH 555 Fg Harvester
Fox 546 Fg Harvester
Fox 3300 w/2R Narrow Corn Head
Fox 249 Snapper Head
Fox Custom 90 Fg. Harvester
NH #818 Fg Harvester
Brady 722 Flail Chopper
IH #8 Flail Chopper
IH #5 Flail Chopper

NH #6 Fg Wagon
VanDale 185 Mixer Wagon w/Scales
Coby 4000 Fg Wagon
McCurdy Gravity Box
Kilbros Gravity Box
Grove Fg Wagon w/7 Ton Gear
Gehl Fg Wagon w/8 Ton Gear
Brady 512 Feeder Wagon
Badger Fg Wagon w/Tandem Axle, Roof

IH 1460 Combine w/6 row Head
IH 915 Combine w/6R Corn Head
IH 715 Combine w/4R Corn Head
IH 205 Combine w/13' Platform

3 Pt Hitch Stackmover
OMC 590 Sm Round Baler
NI 456 Big Roll Baler
IH 241 Big Roll Baler
IH 2400 Big Roll Baler
IH 445 Baler w/Thrower
IH 440 Baler w/Thrower
NI 270 Cut/ditioner
NI 279 9' Cut/ditioner
IH 1190 9' Windrower
IH 990 9' Windrower
OMC 216 9' Windrower
OMC 208 9' Windrower
Case 555 9' Windrower
Hesston 10' Hydro Swing Windrower
Hesston 320 AP 9' Windrower
NH 404 Hay Crusher
JD 5' Rotary Mower - Excellent
Mott 3 Pt Mower
Fisher Hay Tedder PTO
JD 894 Rake
IH 15 Rake
Hesston 12' Loader for Hydro Swing Windrower

702 Uni Cheap
705 Uni
767 Forage Harvester
710 Combine
729 A Shelter
NI 744N Corn Head
770 Feeder House

IH 56 Blower, Reconditioned
Hussler 56 Blower
Fox 44 Table Blower, belt driven
Kools KB60 Blower
NH #27 Blower

JD FB 13x7 Comb Grain Drill
JD 17x7 Comb Grain Drill
IH 16x7 Comb Grain Drill
Oliver 16x7 Comb Grain Drill on Steel Wheels
Oliver 10x7 Comb Grain Drill on Steel Wheels

Jamesway 60' Belt Feeder
York Rake 3 pt hitch
IH 1150 Grinder Mixer
200 gal. sprayer
Danco 8' 3 Pt Blade
Little Giant 34' Elevator
KW Loader for IH 284
Walsh 500 Gal Sprayer, Nice
Walsh 300 Gal Sprayer

NI 245 Manure Spreader
NI 244 Manure Spreader
NI 224 Manure Spreader
NI 218 Manure Spreader
NI 214 Manure Spreader
NI 213 Manure Spreader
NH 676 Manure Spreader
Better Bilt 2600 Gal Liquid Spreader
IH 540 Manure Spreader
Hawk Bilt #357 Spreader
Hawk Bilt #357 Spreader, Exc

JD 1240 4 Row Corn Planter
IH 400 6R No Till Corn Planter w/Monitor
IH 400 4R No Till Corn Planter
IH 56 4 Row Corn Planter

2% Cash And Carry Discount on All Parts

The Place to Buy New & Used Equipment

CHAMBERSBURG FARM SERVICE, INC.

975 S. Main St., Chambersburg, PA
Phone: 717-264-3533
717-597-8811 717-532-8800

46th ANNIVERSARY

SALES DAYS

PARTS ■ NEW EQUIPMENT ■ GOOD USED EQUIPMENT

DECEMBER 27, 1982 thru JANUARY 7, 1983

Mon. thru Fri. 7 A.M. to 5 P.M.; Sat. 7 A.M. to 12 Noon
Closed Dec. 25 and Jan. 1

All Items Subject To Availability

TILLAGE PARTS

MOLEBOARD PLOW PARTS

PLOW PARTS
15% OFF
Regular Price

SPRING CUSHION SHANK

Simple design allows lift up to 6½" to clear rocks, etc. Returns itself to working position. Gives vibrating tillage action. 1"x2"x26" **$75.00**

TWISTED CHISEL POINTS

- Heat treated, tumbled & varnished
- ½" thick for longer wear
- Fits 2¼" centers for 7/16" plow bolts

DF4995R . . . . . 3x½x22R.H. **$7.95**
DF5995L . . . . . 3x½x22 L.H. **$7.95**

Recondition your disc harrow pre-book and receive direct ship. prices.

Disc Blades Sample Prices

	SALE
• 20" plain 7 ga. 1¼x1-1/8 dual sq.	**$16.21**
• 22" plain 6 ga. 1¼x1-1/8 dual sq.	**$22.40**
• 22" plain 6 ga. 1½x1¾ sq. or round	**$22.40**
• 22" plain 6 ga 1¼x1½ sq. or round	**$22.40**

U.S.A. MANUFACTURED

- 60% Tougher - To resist cracking & splitting
- 20% Longer Wearing than other blades.
- Extra Strength - True fracture Strength is 10% greater.

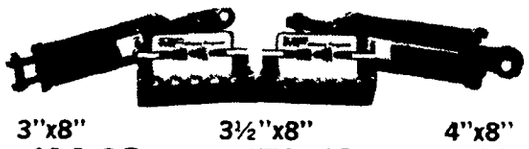
Weathered Disc Blades In Stock

• 16" plain 11 ga 1" round	**$5.00**
• 16" notched 11 ga 1" round	**$5.00**
• 18" plain 11 ga. 1" sq.	**$7.00**
• 18" notched 11 ga. 1" Sq. or 1¼ round.	**$8.00**

• VS1 1½" Rev. Tooth	SALE **$1.50**
• VS2 2¾" Spoon	SALE **$1.35**
• VS4 4" Duck Foot	SALE **$1.69**

VIBRATING "S" TINE TEETH AND SWEEPS

HYDRAULIC CYLINDERS



3"x8"	3½"x8"	4"x8"
SALE **$64.20**	SALE **$79.40**	SALE **$92.65**

- ■ Hardened Rod
- ■ Larger Tie Bolts
- ■ Double base ports
- ■ Pre-Stressed Tie Bolt material
- ■ Hardened pins & bushings
- ■ Stronger rolled threads on the bolts
- ■ Harder "O" Ring (90 Durometer) with polyurethane back up seals.

- ½ NPTF 8010 Series Male Tip **$2.84**
- ½ NPTF 4050 Series Female Coupler **$5.61**

ALL FUEL, OIL & AIR FILTERS

15% OFF Reg. Price

GREASE GUNS

- Lever Action, 10,000 P.S.I. **$7.50**
- Piston Action, 6,000 P.S.I. **$13.39**
- Flexible Grease Hose, 12", 10,000 P.S.I. **$2.50**

GREASE TUBE CARTRIDGE

MF "Engineering specified" and approved M-1105 Grease is a premium grade, extreme pressure multi-purpose lithium base grease. Timken approved for bearing applications.

14½ oz. **$8.00** for box of 10
Case of 50 EXTRA 5% OFF

HYDRAULIC HAND JACKS & LIFTING EQUIPMENT

Sturdy malleable iron base and head. Forged steel load rest designed to prevent slipping. Twelve and twenty ton models have positioning handle. All models equipped with two-piece pump handle. Individually packaged with handle in carton.

INVENTORY CLEARANCE SALE

• 6 ton hyd. jack (2 only)	**$21.95**
• 8 ton hyd. jack (5 only)	**$29.95**
• 20 ton hyd. jack (1 only)	**$59.95**

ALL PURPOSE JACK

(Same As Handyman)
7,000 lb. Capacity

SALE **$39.95**

HYDRAULIC & TRANSMISSION OIL

15% Discount Off Regular Price

Gives peak performance at extreme pressures and high temperatures. Made to meet MF engineering requirements.

QUAKER STATE MOTOR OIL

15% OFF REGULAR PRICE

★ Bring Your Own Containers - Get Bulk Price

"BUY QUALITY"

SELECTED PARTS CASH & CARR

HITCH PARTS

TOP LINKS

Category 1
- 16" Center **$22.70**
- 20½" to 30½" Adj.

Category 2
- 16" Center **$30.75**
  20½" to 30½" Adj.

DRAWBAR HITCH PINS

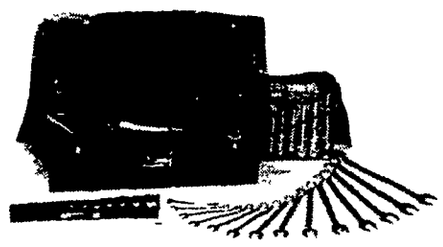
- ¾ Dia. 6¼ Length **$3.00**
- 7/8 Dia. 6¼ Length w/Linch Pin & Retainer Chain **$3.90**
- ¾ Dia. 6¼ Length **$4.50**
- 7/8 Dia. 6¼ Length **$5.90**

LINCH PINS

- ¼ Dia. . . . . **30¢** ea.
- 7/16 Dia. . . . . **30¢** ea.

or 4 for **$1.00**

MF HAND TOOLS



10% OFF REGULAR PRICE
Plus these selected items.

- 7 Pc. Screwdriver Set **$9.95**
- 14 Pc. Socket Set **$34.40**

CHEMICALS

HAND CLEANER

1 Lb. . . . . Sale **$1.50**
4½ lb. . . . . Sale **$5.95**

ROLLER CHAIN

Shot-peened parts, solid rollers, factory pre-stitched, vacuum pre-lubrication. This chain is made of special bushings and pins, and offers tremendous RPM & fatigue resistance.

#40 . . . . . **$1.41** per/ft.
#50 . . . . . **$1.93** per/ft. #50 double **$4.20** per/ft.
#60 . . . . . **$2.74** per/ft. #60 double **$5.93** per/ft.

10% OFF

ON ALL OTHER PARTS
Sold Over Counter From
DEC. 27 to JAN. 7, 1983
★ Cash And Carry ★

MF Massey Ferguson

M.M. WEAVER

LEOLA, PENNA. 17540
PHONE: 717-656-2321

Located: 4 one-ha[illegible]mi Road, one Church.

ENT
'83

OPEN HOUSE

SPECIAL 1 DAY ONLY - WEDNESDAY, JANUARY 5, 1983

LUNCH WILL BE SERVED 11-3

Maintenance and Operation Seminars
10:30 A.M. Tractors
2:00 P.M. Combines

★ Representatives from various manufacturers will be on hand to demonstrate products and answer questions
★ Join us during Open House for Fun & Fellowship

D PARTS SPECIALS
CASH & CARRY
RTS

.....$22.70

.....$30.75

PINS
.....$3.00

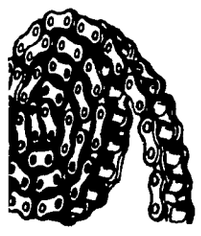
.....$3.90
.....$4.50
.....$5.90

.....30¢ ea.
.....30¢ ea.
for $1.00

OLS

R PRICE
tems.

.....$9.95
.....$34.40



le $4.20 per/ft.
le $5.93 per/ft.

PAINTS
15% OFF REGULAR PRICE

Sample:
841-681 M1 Mt. Red Spray.....$2.69
830-707M3 Red Quart.....$7.06
830-708M3 Red Gallon.....$21.42

STARTING ETHER

Can.....$1.59
oz. Can.....$1.79

Buy In Case Lots And Receive An Extra 5% DISCOUNT

MF FIRE EXTINGUISHERS

All Massey Ferguson Fire Extinguishers use A B C Chemical. Class A includes burning wood, paper, fabric and other ordinary combustibles. Class B is fire on top of liquids like gasoline, grease or oil. Class C is fire in live electrical circuits. A B C Chemical has been proven to be most effective in extinguishing stubborn and costly equipment fires.

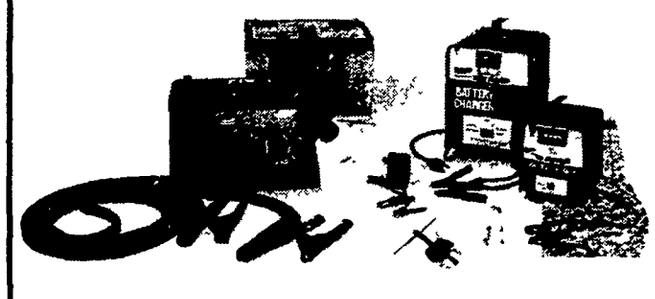
2¾ lbs.....$17.60
5 lbs.....$24.44
10 lbs.....$42.63

ENGINE OIL - SAE 10W-H.D.
Approved for Gasoline, Diesel and L.P.G. Engine
$15.95 For 5 Gal. Container

CUTTER BAR PARTS

HART CARTER or MF FLOATING CUTTER BARS
H.C. Sections....79¢ H.C. Guards...$6.56
M.F. Rigid Headers (Special)
Rigid Sections....75¢ Rigid Guards..$5.12
30 031E1 HAYBINE GUARDS.....$5.75
Will Fit Massey-Ferguson 725-925 and most models of New Holland & Hesston

WINTER SALE ITEMS

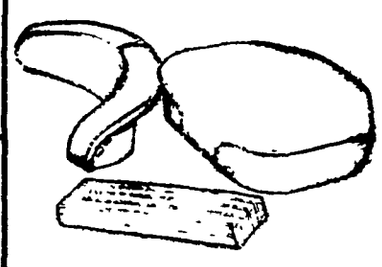


MF BATTERIES
15% OFF Regular Price
The Dependable Performers

BATTERY ACCESSORIES
Battery Terminal Puller.....$8.39
Battery Filler Bottle.....$5.39
Battery Terminal Cleaner.....$3.75

PURSUADER BOOSTER CABLES
SALE
- 12 Ft. #6 Ga. 400 Amp.....$19.55
- 16 Ft. #4 Ga. 400 Amp.....$25.46
- 20 Ft. #4 Ga. 400 Amp.....$29.89

BATTERY CHARGERS
20 Amp.....$95.95
6 Amp.....$41.95



SEAT APPLICATIONS FOR MF AG TRACTORS
15% OFF Reg. Price

SEAT CUSHION, Mt. 1100-1130-1150
30084E91
$31.73

ARM REST, Mt. 1100-1130-1150
30085E91
$33.41

SEAT CUSHION, 150-165-175-180
30-088E91
$18.16

BACK REST, 150-165-175-180
30-087E91
$15.29

NEW WAGON PARTS

SALE
- 15x6 Wheels 6 Lug.....$20.00
- 15x10 Wheel 6 Lug.....$25.00
- 14x5 Wheels 4 Lug.....$10.00

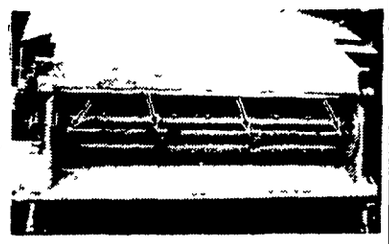
ACCESSORIES SPECIAL

- 1000 Lb. Ea. Wheel Weights
  1100-1130-1150
  Pair For.....$750.00
- 19974A91 Front End Steel Weights
  All 100, 200 & 1000 Series Tractors
  $35.00

- 2418 734, 72" Bucket less cutting edge.....$175.00
- 2418 745, 48" Bucket less cutting edge.....$95.00

48-60" Fork Dirt Plate.....$10.00
48" Cutting Edges.....$15.00

PADDLE BAR ASSEMBLY



For:
MF 750 & 850 Combine $26.07
MF 760 - 860 Combine $30.80

PRESSURE WASHERS

INVENTORY CLEARANCE SALE

- 7550 Pressure Washer 500-515 P.S.I.
  $414.00 (5 only)
- 7650 Pressure Washer, 600-650 P.S.I.
  $554.00 (2 only)
- 7750 Pressure Washer, 700 P.S.I.
  $994.00 (1 only)

PRESSURE WASHER SOAP

General Purpose
10 lb. Pkg.....$15.92

Heavy Duty
10 lb. Pkg.....$15.51

WEAVER & SONS, INC.

IA. 17540
656-2321

Located: 4 miles west of New Holland on Route 23, one and one-half miles northeast of Leola, on the North Groffdale Road, one mile on the right, opposite Groffdale Mennonite Church.

Please mail or call large parts orders now for processing prior to sale days.

FOR MORE SPECIALS TURN THE PAGE→

46th ANNIVERSARY

SALE

DECEMBER 27th thru JANUARY 8th

GOOD USED EQUIPMENT

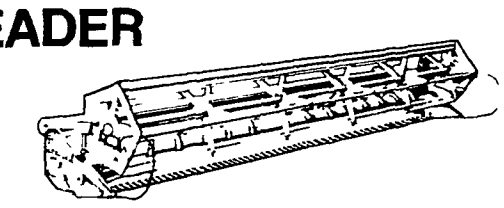
Massey-Ferguson

Winter Warm-Up!

The best time to buy that new MF Combine is right now... with dollar-stretching Winter Warm-Up offers!

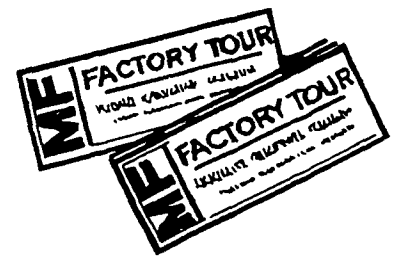
FREE* CUTTING HEADER

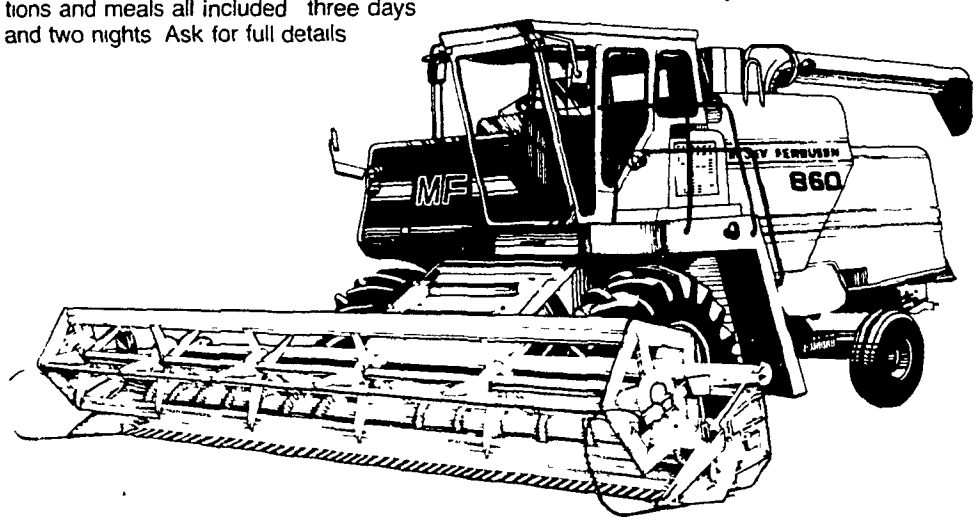
Buy any new MF Combine from our inventory.. MF 550, 850 or 860. and receive a FREE sized-to-match Massey Cutting Header What a savings!



FREE...FACTORY TOUR

Whichever model new MF Combine you buy, you'll qualify for a free trip for two persons to visit our Brantford, Ontario combine production plant in Canada plus Niagara Falls Round-trip air fare, hotel accommodations and meals all included three days and two nights Ask for full details





HURRY IN NOW! Winter Warm-Up offers may end soon.

*Freight dealer prep and local taxes not included All offers limited to available inventory Free table not to exceed MF approved size on combine purchased

MF Massey Ferguson

SERVICE SPECIAL

MF MASTER CS CERTIFIED SERVICE

MF Certified Service

FARM EQUIPMENT DOES NOT BREAKDOWN WHEN YOU ARE NOT USING IT...BUT THAT'S THE BEST TIME TO REPAIR IT!

10% DISCOUNT ON PARTS USED ON MAJOR OVERHAULS OVER $500 DURING THE MONTH OF JANUARY 1983.

SCHEDULE YOURS NOW!

TAX TIP

PURCHASE YOUR NEW EQUIPMENT BEFORE JANUARY 1, 1983 AND TAKE ADVANTAGE OF BIG SAVINGS.

MF Massey Ferguson

M.M. WEAVER & SON, INC.

Leola, PA 17540

(717) 656-2321

Located 4 miles West of New Holland on Route 23, 1½ miles Northeast of Leola on the North Groffdale Road, 1 mile on the right, opposite Groffdale Mennonite Church

SPECIAL 10% DISCOUNT

On All Used Machines On This List

CASH & CARRY

A Special Waiver or Low Rate Financing On Certain Machines

USED TRACTORS

MF 2775, 160 hp	$22,000.00
MF 2675, 100 hp.	20,000.00
MF 1800, 180 hp., 4 wheel drive	15,500.00
MF 1135, 120 hp., w/cab	12,500.00
MF 1130, engine overhauled	7,500.00
MF 1130	6,000.00
IH 1456	9,500.00
MF 1155, 8 speed	8,500.00
MF 33 wheel loader	9,000.00
MF 180 diesel	3,500.00
MF 165 diesel	4,000.00
MF 811 skid steer, diesel	5,500.00
MF 235 diesel	5,200.00

USED COMBINES

1981 MF 850 Hydro w/1163 corn head, only 230 hrs	56,000.00
1980 MF 760 V8, 15 ft floating header, 1163 corn head	62,000.00
1978 MF 760 V8 w/rear wheel drive & grain saver	48,000.00
1976 MF 750 4 wheel drive w/6 row & 4 row corn head & 15 ft. floating grain table	39,000.00
1976 MF 750 hydro, 14 ft. grain head	29,000.00
1976 MF 750 gear drive, 14 ft grain head	26,000.00
1975 MF 760 V8, 15 ft. grain head	29,000.00
1975 MF 760 V8 hydro, 15 ft grain head	28,000.00
1975 MF 510 diesel, 13 ft grain head	19,000.00
1974 JD 6600 diesel, 13 ft grain head	24,000.00
1972 MF 300 gas, 10 ft grain & 2 row corn head	10,500.00
1971 MF 410 diesel, 13 ft grain & 44 corn head	11,000.00
1969 MF 510 diesel, 13 ft grain head	12,500.00
1968 MF 510 diesel, 13 ft grain head	13,500.00
1968 MF 510 diesel, 13 ft grain head	10,000.00
1968 MF 510 diesel, 13 ft grain head.	15,000.00
1968 MF 510 diesel, 13 ft grain head	10,500.00
1968 Gleaner CII, 13 ft grain & 4 row corn head	8,500.00
IH 315 gas, 12 ft grain head & 2 row corn head	7,900.00
AC CII Gleaner w/grain head	2,900.00
AC A Gleaner w/grain head	2,000.00
IH 141 10 ft grain head	2,000.00
IH 303 10 ft grain head	2,000.00
New Idea 702 diesel tractor 767 super chopper, 763 corn head, 717 combine, 13 ft floating grain head	14,600.00
JD 45 w/2 row corn head & 10 ft grain head	2,500.00
Oliver 525 w/2 row corn head & grain head	5,000.00
(3) 10 ft, (4) 13 ft, (6) 14 ft, (8) 15 ft, (5) 16 ft, (1) 18 ft. grain heads	
(9) 2 row 38", (15) 4 row 38", (6) 4 row 30", (11) 6 row 30", (2) 8 row 30" corn heads	

NO FINANCE CHARGES ON USED COMBINES TIL JUNE 1, 1983

USED PLOWS & TILLAGE

MF 880 4-16 hyd. reset plow	2,000.00
IH 4-14 semi-mounted plow	600.00
MF 57 3-16 two way plow	2,000.00
MF 43 3-14 spring trip plow	1,175.00
MF 82 4-16 spring trip plow	1,200.00
MF 86 5-16 semi-mounted plow	750.00
JD F145 6-16 semi-mounted plow	975.00
Taylor Way pull type, 12 tooth chisel plow	1,250.00
Brillion 10 tooth, 3 pt. chisel plow	1,150.00
Dunham 8 tooth, 3 pt. chisel plow	975.00
Dunham 10 tooth, 3 pt. chisel plow	1,250.00
JD 12 tooth, 3 pt. chisel plow	1,200.00
IH 31 tooth, 3 pt. Vibra shank cult	1,200.00
IH 13 tooth field cultivator	675.00
MF 129 Front Mtd. cultivator	300.00
JD 3 pt. rotary hoe	1,800.00
MF 428, 4 row cultivator	1,700.00
AC 48 blade transport disc	900.00
Lilliston rotary disc.	600.00
JD 10 blade offset disc.	300.00
Oliver 10 ft. transport disc	900.00
King 32 blade transport disc	2,500.00
Oliver 36 blade transport disc	900.00
MF 730 offset plowing disc	4,750.00
JD 694 AN 6 Row Corn Planter w/Liquid Fert. & Monitor	1,350.00

HAY & MISC. EQUIPMENT

MF 1560 round baler	5,900.00
MF 1440 round baler	5,900.00
NH big bale fork	250.00
NI hay crimper	250.00
IH flail chopper	200.00
M-C 9E rotary sythe	3,900.00
Gehl 99 Hi-throw blower	800.00
Gehl S.P. 2 row harvester	1,100.00
Badger forage wagon	1,100.00
Badger forage wagon	1,200.00
2 McCurdy gravity box & running gear	800.00 each
Danuser post hole digger	850.00
Danuser log splitter	675.00
Danuser post driver	1,300.00
Mott 5 ft. 3 pt flail mower	450.00
Big Bee 6 ft rotary mower	450.00
Fox 3300 harvester, 2 row 30" corn head & pick up & monitor	4,500.00
MF 37 hay rake, pull type	975.00
MF 200 harvester, 2 row corn head	2,900.00
Zimmerman 36 ft. elevator	475.00
Meyer snow blade.	300.00
Brady 722 6 ft flail cutter	2,300.00
York 7 ft scraper blade	350.00
New Little Giant corn drag	780.00
Demo Farmhand wheel rake	975.00
New Farmhand grinder mixer	4,900.00
New Farmhand grinder blower	4,500.00
conveyor for above	950.00

SEE US FOR YOUR YEAR END TAX INVESTMENT CREDIT PURCHASES

COMBINES

1979 JD 4400 Diesel, cab and air, 700 hrs., like new
1975 JD 3300 Dsl., Cab, Air, Very Good, Choice of Platforms
JD 45 Square Back w/Cab & Grain Platform & 2 Row C.H.
1973 JD 4400 Dsl. Cab & Air Choice of Heads
MF 510 Dsl. w/cab, Very Good, Choice of Heads
MF 35 w/8 ft. platform, Sharp.
IH 82 Pull Type w/ PU Reel
Ford 620 w SOLD n Platform, Pickup Reel, Used Very Little

GOOD SELECTION OF GRAIN PLATFORMS AND CORN HEADS TO FIT MOST COMBINES

TRACTORS

1975 JD 4430 Dsl. Cab & Air, Very Nice
JD 4320 Roll Guard
JD 4620 Dsl. w/cab 2900 hrs.
JD 4020 SOLD Dsl. WF w/dual hydraulics
JD 4020 D WF & Power Shift
JD 4020 Side Console
JD 4010 Dsl., Very Good
JD 3020 SOLD, Very Good
JD 3020 Dsl. WF Side Console, Very Good
JD 3020 WF, Very Nice
JD 2940 900 hrs. Like New
JD 2640 Dsl. Fully Equipped
JD 2520 Dsl. WFE
JD 720 Dsl. WF Exc. Cond.
IH 1456 Dsl. WF
IH 1206 Dsl. w/Cab
IH 1066 Dsl. Very Good
IH 1066 Dsl. Blackstripe Cab & Air, 1800 Hrs. Very Nice
IH 856 Dsl. WFE w/Cab
IH 806 Dsl. WF
IH 656 Dsl. Hydro
White 2-105 w/Cab & Air
White 4-150, 4 Whl. Drive, Cab & Air, 3 Pt. 1650 Hrs.
Ford 4 SOLD Speed
Ford 8600 Dsl. WF 20x38 Rubber
Ford 5000 Dsl. 8 Speed w/all Weather Cab
Ford 5000 Dsl. w/Loader
Case 1070 Dsl. Cab and Air 930 Hrs.
Case 730 Gas WF
AC 180D, WFE
AC 200 Dsl. WF & Cab
AC 220 Dsl. WF & Cab
AC 7000 Diesel w/Cab & Air

PLOWS -SEMI-MOUNTED

JD 1450 5x16, 4x18, 5x18
JD F145 4 & 5x16
IH 550 5x16 & 5x16 Slat Btm., Like New
IH 510 4x16
IH 720 Toggle 5x20, Like New
IH 710 6x16 on Land Hitch

PLOWS -AUTOMATIC

IH 710 & 720 5x16 SP Reset
IH 710 6x16 SP Reset
IH 710 & 720 5x18 SP Reset
Oliver 6x16
JD 2500 6x18 SP Reset
JD 2500 5x18 on Land Hitch
IH 710 7x18 on Land Hitch SP Reset
IH 700 6x16 SP Reset
IH 6 Base 735 Variable Width SP Reset

GRINDER-MIXER

Gehl 115
NH 352, Very Nice

CORN HEADS

MF 24, 44
AC F430
AC KF330, A330
JD 453 & 454 Row Crop Hds.
JD 243, 244, 343, 443, 444, 643
IHC 843

CORN PLANTERS

JD 7000 Consv. 6R dry fert., auger fill, insect., pop. mon.
JD 7000 min-till 6 R dry Fert., insect., monitor
JD 1240 4R plate and plateless, insect, runner and disc opener w/dry or liquid fert.
JD 1250 6R plateless, insect. w/wo fert.
IH 56 4R dry fert., insect., excellent
JD 7000 consv. 4R, dry fert., monitor, insect.
JD 7000 4R wide & narrow, dry and liquid fert., insect., and monitor.
IH 400 4R hyd. drive, dry fert., insect.
JD 246 2R w/insect.
JD 1440 4R no-till plateless, liquid or SOLD dry fert. and insect.

DISCS

AC 16' Wing Fold
JD 11'2" & 14' AW Disc
JD BWA 12'6"
Sunflower 13' Hyd. center fold, very good
JD 11' RWA Transport
JD BWF 16' to 19' wing Rock-Flex
IH 350 12'

HEAVY DUTY DISCS

IHC 760 12' Offset, excellent
JD 1630 12' very good cond.
JD 4000 Double Offset 12' 8"
Bush Hog 1437 Plowing Disc 11' 4"

BALERS

JD 346 Twine w/Thrower
NH 278 w/Thrower, Like New
NH 268 w/Thrower
IH 2400 Round Baler, Like New
JD 336 Twine, Like New
JD 336 Wire

MISCELLANEOUS EQUIPMENT

JD B Grain Drill, 20 Openers w/Grass Seed, Very Good
JD 1207 Mower Conditioner, like new
IHC 12' Pull Type Chisel Plow
Brillion Alfalfa Seeder, 8'
IH Field Cultivator 12'
NH 488 Haybine, like new
NH 479 Haybines
JD 146 Loader, Indep. Control Valves
JD 894 Rake, Rubber Mtd. Teeth
IH 18.38 & 20.38 Rr. Axle Duals
Grim Super 16 Hay Tedder
Neimeyer Power Harrow
JD 12' Roller Harrow
IH #50 Stalk Shredder
JD 300 Husker w/2 or 3R Head, Very Good
NI 319 2 Row Mtd. w/12 Roll Husking Bed, Very Good
Nicholson Hay Tedder
Field Cultivator, Hydraulic Fold 18 ft.
NI Picker Sheller 2 Row Wide and Narrow

Greetings

Let brotherhood and peace surround us all this year! Thank you for continued business

GUNTHER HEUSSMAN INC.

So. 5th St., Emmaus, Pa. 18049 215-965-5203

NOTICE TO ALL FARMERS

If you have a problem in tractors, all brands, concerning stiff hydraulic, differential, hydrostatic or wet brake system slipping.
We can solve it on your farm.
Also very good on automatic transmission slipping or sticking reverse.

Reasonable Rates

Must inquire to appreciate
Will travel any distance

F & S Service

717-687-8412

END OF YEAR SALE

Prices reduced drastically for quick sale. Take advantage of the year end sale. Prices F.O.B.

TRACTORS

	List	SALE
JD 4000 tractor	$12,500	$9,600
JD 4010	8,900	8,400
JD 2520	8,900	7,800
JD 2510	7,000	6,200
JD 730	4,200	3,200
JD 70 SOLD	2,800	2,200

HAYING EQUIPMENT

	List	SALE
JD 24T baler w/#2 ejector	$ 1,600	$1,295
JD 1209 mower conditioner	3,200	2,500
JD 640 rake	1,175	975
JD #10 mower parts		50

COMBINES

	List	SALE
JD 6620 sidehill w/643 head	$74,400	$66,000
IHC 205 combine w/platform & 2 row head	7,000	6,000

CORN PLANTERS

	List	SALE
JD 494A	1,495	850
JD 1240	3,000	2,000
JD 7000 planter, 4RW	6,500	4,200
JD 7000 4RW w/new min. till coulter and pop. monitor	6,900	4,800
IHC 56 4 row	2,600	1,600

DISCS AND PLOWS

	List	SALE
JD 12' KBA disc	$1,200	$650
Pittsburg 12'	1,600	1,000
JD 950 roller harrow.	3,800	3,400
JD 145 plow 5-16"	2,100	1,800
7 tooth Taylor Way chisel plow	975	850

OTHER EQUIPMENT

	List	SALE
IHC harvester, #16	1,495	800
JD 38" row crop head	675	450
JD 37 loader	995	750
NI spin spreader	695	500
Ontario drill 16x7	3,200	2,500
6000 Kools blower, 1000 RPM	1,275	850
Dual wheels 20.8x38, snap on	650	625
JD 79 tank spreader	550	500
JD 790 tank SOLD spreader	695	625
30" 2R Row Crop	800	725

END OF YEAR SPECIAL ON NEW EQUIPMENT

	List	SALE
JD 88 blade, 7'	$ 850	$ 650
JD 40 spreader	4,900	3,500
JD 445 flail spreader	5,185	4,100
JD 90 skid steer	10,800	7,600
JD 125 D Skid Steer	18,500	13,500

Waiver of finance and payment on nearly all equipment

DISCOUNT UP TO 50% OFF ON THESE ITEMS

	List	SALE
JD wide front axle New & fits tractors 2510-4320	$1,350	$1,000
Grapple fork for loader	800	400
Grapple fork for skid steer	400	200
Automatic markers for 7000 corn planter	700	350
Extra wheel w/frame extension for 567 wheel rake	400	200
Quick-fill, fertilizer attachment for 7000 planter, 4 row & 6 row	928	450
Enclosure for utility tractor	400	200
60" manure fork w/tine, fits 145 thru 158 loader	550	400
60" bucket	500	275
Top beater for 54 spreader	450	195
Top beater for 660 spreader	600	295
Canopy for old style utility tractor	175	85
Complete drawbar for 12' harrow	150	50
3 pt. hitch for 12' harrow	300	150
Cushion for 115 disc	685	490
New row crop fenders		Reduced price

JOHN DEERE

AUKER-ENA EQUIPMENT, INC.
Oakland Mills, PA 17067
717-463-3511 436-2235

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

USED TRACTORS

AC 180 D, 175, 5040, D19, D17, D15, B
IHC SMTA w/wide front, 464, 364, 230, 140, Cubs
JD 1520, 420, 60
MF 135 Gas & Diesel, 30 Gas, Industrial 165 w/cab and Heavy duty power angle snow blade.
AC 7000 Cab & Air, 200 Cab & Air
FORD 3600 w/cab
JD 3020 w/cab
AC D17 w/loader, 160 D w/loader
Ford 821 Gas w/loader
AC D17 Gas w/loader
IHC 504 w/loader
Kubota 295 DP w/loader
MF 203 D w/loader

Tractor Loader Backhoes
Case 580 gas, JD 300 Diesel

JD Log Skidders, 440B w/pwr. shift & turbo, 440B gear drive, 440A gear drive, 440A gear drive w/slight fire damage.

USED SPREADERS

NI 212 flail w/manual gate
NH 512 w/hyd. gate
NI 212 flail w/hyd. gate
NI 211 flail
NI 243 single beater w/hyd. tailgate and flotation tires
Large selection of used ground drive, barrel and PTO spreaders plus many New and Used ready to go
H M Scavenger II Model 1466, 50' spread pattern
BADGER 800 gal. liquid manure spreader
New Roto Spread Dairy & Feedlot Specials - Barrel Spreaders
New Hawk Bilt 2195's Hyd. Slide Top Barrel Spreaders
Vandale 3000 gal. liq. manure spreader for truck mounting
NH 368 tandem barrel spreader, very good cond.

USED SNOW PLOWS

Large selection for Tractors, front end loaders and Pickups
Snow Blowers 3 pt. hitch, 3 pt. blades
Large selection of new double ring tractor chains
NEW KUBOTA tractors with snow plows or snow blowers - All sizes

WOOD CUTTERS

New 3 pt. Hitch Winches
Kubota Wood Splitters
Danhuser
Little Giant Splitters
3 pt. Woodsman Buzz Saws

FEED TO GRIND

IHC 1150 Grinder Mixer, Gehl 120 Mix All, Gehl MX 100 - Very Good Cond.
NH 358 - Like New
Farmhand Regrinder Blower

MISCELLANEOUS

New & Used Hay and Grain Elevators
Large Bale movers 3 pt. hitch
Feeders Large Bale Roll A Bout
3 pt. Hitch Carry Alls
NH 38 flail chopper, like new
Ford 3 btm. spinner plow, hyd. rotation, trip back beams
Case 350 dozer, Diesel, 6 way blade & wench, scraping for parts.

THINK SPRING!!!

IHC 710 Plow, 4 btm., 18" reset
Ford 140 Plow, 4 btm., 18" reset
AC 2000 Plows, 4 & 5 btm., 16" reset
Used Pittsburg 8' 3' pt. Disk
Bush Hog 10' plowing disk
3 pt. hitch chisel plows
12' Brillion roller
USED Grain drills - IHC & Ontario
Used 3 pt. - to semi mount plows - 2, 3, 4, 5 bottoms
2 rw. 3 pt. hitch vegetable transplanter
1 rw. trailer vegetable transplanter

NEW & USED

8' & 10' Brillion Cultipacker Seeders

THIS WEEK'S SPECIAL

New Van Dale Liquid Manure Spreaders - 1500 gal. tandem axle vacuum tank 2250 Tandem Axle Liquid Spreader
Your Choice - $6250
IH S8 Log Skidder Diesel, Good Economy Log Skidder — only $5975

SPECIALS

New 3 pt. Hitch PTO Driven wood saws, $495.00
New 3 pt. 7' Hitch Rear Scraper Blades, $245.
New 3 pt. Hitch, 7½' Disk Harrow, $645.00.
NI 323 1 row $3250.00
NI 325 2 row Narrow $4975.00

MARSHALL MACHINERY INC.
SALES AND SERVICE
AC, NI, Hesston and Kubota
5 Miles East Honesdale, PA on Rte. 652
Phone 717-729-7117

NEW EQUIPMENT

WHITE -
2-110 tractor w/cab
2-85 tractor
2-55 tractor
508 5 Bot. SAR Plow
598 6 Bot. SAR Plow

GEHL
CB 1000 For. Harv. w/2-Row Corn Attach. & Hay Attach.
3510 Skid Steer Loader
1400 Round Baler (Demo.)

NEW IDEA-
No. 177 41' Elevator
No. 243 Spreader
No. 244 Spreader
No. 245 Spreader
279 CutDitioner
325 Cornpicker w/327 Husking Unit

USED EQUIPMENT

New Idea 218 Spreader
New Idea 622 Forage Blower
FB 88 Gehl blower
Oliver 252 Disk Harrow 11'6
Gehl 95 Grinder Mixer
Gehl 115 Grinder Mixer
Gehl 910 For. Box

MILLER EQUIPMENT CO.
RD 1 Bechtelsville, PA
215-845-2911

SPECIALS

S.G. LEWIS AND SON, INC.

RD #2, Box 66, West Grove, Pa.
215-869-2214
All Hay Equipment Free Finance until 6/1/83

FORAGE

SNH #892 Forage Harvester w/#822 corn head and 880W windrow pickup. $12,500
SNH #718 Forage Harvester w/#822 corn head $8,000
SNH #25 Blower $1,600

HAY

SNH #451 Mower w/7' Cutter Bar..... $1,860
SNH #472 Haybine $5,875
MF #124 Baler..... $5,000
SNH #80 Bale Handler 375

SPREADERS

SNH 679 Spreader w/splash guard, fine manure pan and hyd. end gate $5,550
SNH #301 Liquid Spreader, 540 Drive w/soil ejector & coulters $9,000

Don't be fooled by lower prices on "will-fit" parts. The management of other brand dealerships recognize the value put into genuine Sperry New Holland parts and service.
This is what made Sperry New Holland the leader and No. 1 in hay and forage equipment. When a problem arises or you need parts or service, call your authorized Sperry New Holland dealer.

215-869-2214 or 215-869-9440

Jan. 1, 1983

Dear Valued Customer,

This year was certainly a challenge for all of us and sometimes in the rush of business, we may forget to say thank you.

Without you we could not exist. We will always do our best to be of complete service to you and to satisfy you.

We do appreciate your business. But most important of all, we wish you and your family a New Year filled with health and prosperity.

Binkley & Hurst Bros., Inc.

OWNERS
David Binkley - Owner & Parts Mgr.
Leonard Hurst - Owner & Sales Mgr.
Amos Hurst, Jr. - Owner & Service Mgr.

SALES STAFF
Amos Hurst, Sr.
Bill Schuler
Gerald Burkholder

SERVICE STAFF
Isaac Hurst - Parts Dept.
Raymond Rutt - Mechanic
Harold Sensenig - Mechanic
Walter Martin - Mechanic
Clair Horst - Mechanic
Joe Garman - Set Up & Delivery
Clifford Horst - Set Up & Delivery

START THE NEW YEAR RIGHT - CHECK THESE SPECIALS AND CALL US!

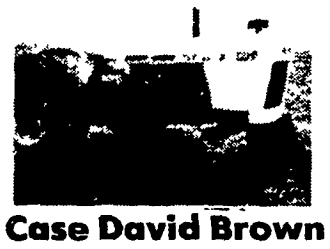
~~7%~~ 20% OFF

IH 1466

Cab, air, heater, 18.4x38, good TA, dual hydraulic remotes, 3276 hrs., dyno check at 158+ h.p.
Serial #26501284025369

$14,900
Less ~~7%~~ 20% OFF

~~25%~~ 30% OFF



Case David Brown 1200 series

65 HP Rated Diesel engine, 1967 Model, 18.4x30 rear tires on power adjust rims, approx. 3431 hrs., still going strong. New clutch 2 yrs. ago, good battery, 3 pt. hitch, PTO 540-1000. Serial # 702764

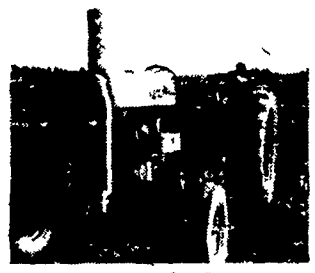
$6,350
Less ~~25%~~ 30% OFF

CASE 830 GAS

Wide front power steering, Case-O-Matic, 3 pt. hitch Eagle type, 540 PTO, 1963 model

$2,250
Less ~~16%~~ 25% OFF

20% OFF



MF Model 275 Diesel

tractor, 38" rear wheel, approx. 1240 hrs., 3 front weights, in excellent condition.
Serial #9A214568

$10,500 Less 20%

10% OFF

LOOK! There are 300 Horses Coming Your Way If You Buy This Like New Case 2870 4 Wheel Drive Tractor Now!

With on the go power shift transmission, 20 8x 34 tires with factory 20 8x34 duals, 4 hydraulic remotes PLUS 4-WAY SELECTIVE STEERING
★ Approx 600 Hrs. Ready For Hard Work

LIKE NEW For Only

$48,500 Less 10%
Hurry, Don't Wait

14% OFF

1980 Like New Case 4490 4 Wheel Drive Diesel Tractor with only about 565 hrs., 20.8x34 radial tires, 3 pt. hitch, PTO, 4 remotes

$44,800 Less 14% OFF

23% OFF

CASE 2470

4 Wheel Drive with all the Goodies: Hillside crab steering, PTO, 3 pt. hitch, remote hydraulics, cab, air, heater.
23.1x30 tires in ex. cond., 2904 hrs.
Serial #8712282

$25,900... Remember, Deduct 23%
A Steal!

11% OFF

Like New! Must See To Appreciate

IH 1086

Cab, air, heater, 1981 model, 860 hrs., new 20.8x38 rear tires, new 14Lx16 front tires, 16 speed. trans., deluxe interior, auxiliary fuel tank, 12 front weights, dual remotes

$25,600
Less 11% OFF

9% OFF

Beautiful **1690 Case Diesel**
95 HP, cab, air, cond., heater, 12 speed power shift trans., 18.4x38 tries, dual remotes, 6 cyl. engine, only 40 hrs. 540 & 1000 RPM PTO Shaft, 22 Mo. Warranty Still Remaining.

A Real Buy At **$21,800!!**
Less 9% OFF

25% OFF Owattona 350 Skid Loader

24 HP Hydrostatic Drive With Bucket

$4,900 Less ~~25%~~ 30%

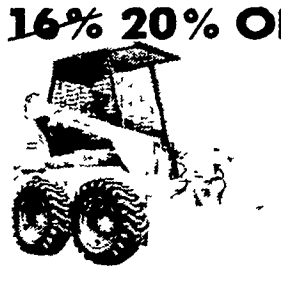
12% OFF

FORD CL-40 SKID LOADER

Ford V-4 gas engine, 60" bucket, canopy, Serial #6563

Only **$7,880**
Less 12% OFF

~~16%~~ 20% OFF



CASE 1737 UNI-LOADER
with narrow tires, quick attach bucket, Case gas engine. Only

$5900
Less ~~16%~~ 20% OFF

~~20%~~ 25% OFF

OWATTONA 1200A

Completely rebuilt, 30 HP Wisconsin engine, bucket & manure fork. NICE. **$5860**

Less ~~20%~~ 25% OFF

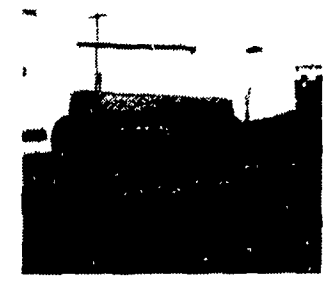
10% OFF

USED GEHL MODEL 4500 HYDROSTATIC SKID LOADER

With Ford 4 cylinder gas engine, self leveling loader, 10:00x16.5 tires, 40 H.P., 65" wide bucket, T bar control.

More For Your Money Than Ever Before!

(1) Serial #1976
ONLY $8,800
(1) Serial #001461
ONLY $8600
Deduct 10% OFF These Prices!



JOHN DEERE GRAIN DRILL

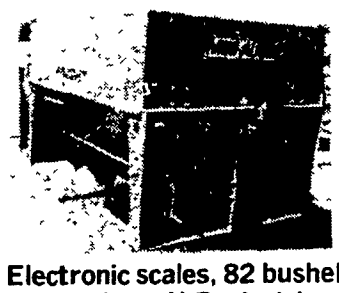
Model #8200 8x20 Double Disc Opener, Used Only About 70 Acres, Nice New w/Row Market, Folding Tongue For storage, Depth Bands on Disk Openers. Dual Rib Large Diameter Tires

$5800 Value For Only

$3,880 Less 5%

SAVE 15% OFF Price Below

MAKE EVERY BITE COUNT With A KNIGHT MINI-AUGGIE STATIONARY MIXER



Electronic scales, 82 bushel capacity, 3 H.P. electric motor with drive is standard equipment. In Stock

OUR SALE PRICE **$6,890**

USED TAG-ALONG TRAILER

to haul skid loaders, Beck Model #2

Priced ~~$1380~~ **$980**

USED IH OFFSET DISC HARROW

7' wide, approx. 20" blades, transport, less cylinders & hoses

$465.00

25% OFF THE FOLLOWING

- Brand new demo 2 bottom plow w/14" bottoms trash boards coulter, shear bolt, ideal for small tractors — **$495.00**
- New Pittsburg drag spring harrow, 8 ft wide — **$461.00**
- New Ohio dump cart for your garden tractor — **$179.00**
- New Year-A-Round 3 pt quick hitch to fit your 3 pt — **$355.00**
- New Holland hay pickup header — **$680.00**
- Case heavy duty Cat II III quick coupler adjustable hitch for your 3 pt tractor hitch — **$480.00**
- Used IH transport No 37 disk harrow 11 ft width — **$1650.00**
- Used IH Model 12 drag type disk harrow — **$550.00**
- Sauder loader mounting brackets for Ford tractor — **$25.00**
- Used Gehl Model TR600 2 row wide corn head, good cond , Serial #8800 — **$380.00**
- Gehl Model CB600 Harvester with 2 row wide corn head with 540 PTO 11Lx15 tires, manual controls, hi-rise spout extension ideal to blow in trucks — Only **$1850.00**
- Hi-moisture grinder blower White-McKee Model CH Serial #994 with gravity flow hopper 1000 RPM PTO (like new) they do work New Price $4500 Approx — Our Price **$2450.00**
- J&M Gravity Bin on Dunham 8 ton wagon with 11Lx15 tires — **$1025.00**
- Good used Dunham cultipacker with 17" wheels, 11'4" rolling width — **$739.00**
- New Case heavy duty lawn sweeper, 11 bushel capacity with large tractor wheels — **$370.00**

15% OFF THE FOLLOWING

- New Dunham hi clearance 8 shank twisted shovels, spring shank — **$1716.00**
- New Knight 180 bu PTO manure spreader w/Gatz Web Serial #180-1593 — **$3205.00**
- New Holland Model 357 grinder mixer w/21" mill unload auger extension — **$6900.00**

Good Used John Deere Model 110 DISK TRANSPORT HARROW
13'10" Cut, New Blades, Dual Transport Wheels. Ready For Work.
SPECIAL CASH & CARRY PRICE ONLY $1980

USED ATHENS MODEL 131 DISC HARROW

Flexible type, 12'11" cutting width, approx. 21" blades

$2960

Case Model L ANTIQUE TRACTOR
Good Running Order with Belt Pulley w/Steel Wheels
MAKE OFFER!

USED JD MODEL 430 TRACTOR
tricycle type, runs nice
Priced **$2150**

Just Arrived
IH MODEL 1066 DIESEL
Loaded, Nice
$10,800

Just Arrived
JD 4020 SIDE CONSOLE
Synchro-Shift, Sharp
$9750

Also
Almost New **GLENCOE SOIL FINISHER**
Model SF129
(Used on about 30 acres)

$5495
Less Another
~~5%~~ 10% OFF
For Quick Sale

USED CASE MODEL 1175 DIESEL TRACTOR
cab, air, heater, w/dual wheels
Priced

$13,800

If you want the "BEST" Performance, Cutting, Finishing, Leveling and Price you owe it to yourself to consider the "BEST" -

SUPERFOLD EXCLUSIVE RHINO FLEX 90B

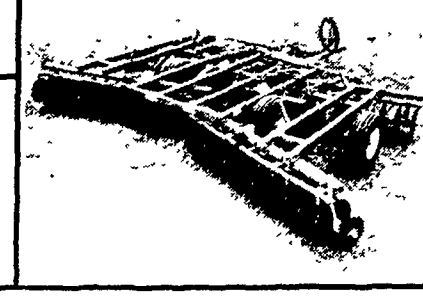
Guaranteed Quadraseal Bearings The unique Rhino double row tapered roller bearing is guaranteed for two years and provides greater life and dependability than competitive bearings The Quadraseal double row tapered roller bearings offer more capacity than single row ball bearings

Spring Bearing Hangers reduce shockloads to the blade axles bearings and frame when working in fields with rocks or stumps The Rhino 1"x2" spring bearing hangers provide maximum strength add protection and reduce downtime expenses The Rhino Quadraseal gang bearings are trunnion mounted to the spring bearing hangers to allow the gangs to flex freely without undue stress being placed on the gang axle

Stop around or call - you will be more than satisfied!

ADJUST TILLAGE TO THE LAY OF YOUR LAND

~~10%~~ 17% OFF AMCO-BILT NEW CASE ROCK FLEX WING



Tandem Disc Harrows

In Stock: Cut & Finish, Rock Flex Spring Bearing Hangers, 24" Dia. Blades, ¼" Thick Double Offset Tandem, 21 Ft. Working Width, Setup w/Hoses.

Read To Go
Reg Book Price **$11,931**
LESS AN ADDITIONAL
~~10%~~ 17% OFF

BINKLEY & HURST BROS., INC.

133 Rothsville Station Road, Lititz, PA 17543
PH: 717-626-4705

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

NEW & USED EQUIPMENT SPECIALS!

New Artsway Forage Box w/3 Beater, 2 Roof & 10 Ton Running Gear $5,195	New 8C Hydra-Mac Skid Steer Loader w/2 Buckets $4,995
New Model 230 McCurdy Gravity Bins $585	New 300 Gal. Century Field Sprayer w/Cent. Pump & Row Boons $2,395

★ **BEHLEN CORN CRIBS** ★

EXL-15 Corn Crib (1 SOLD) $1,120
FXL-15 Corn Crib (961 Bu.) ..... (1 Left) $860

USED HAY EQUIPMENT
2- PT-10 Hesston Haybines
2- 990 Int. Haybines
1 - 1209 JD Haybine
1 - 461 N.H. Haybine
1 - 279 - 9 ft. N.I. Cut/ditioner
1 - Vicon (5 Wheel) Wheel Rake
1 - 268 N.H. Baler w/Thrower
1 - #37 Int. Baler w/Thrower
1- 8x16 Oak Hay Wagon

USED FORAGE
2 - 38 J.D. Harvesters w/Corn &Pickup Head
1 - 16 I.H. Harvester w/1 Row Head
1 - N.H. #25 Forage Blower
1 - N.H. #27 Forage Blower

TILLAGE
IH 710 (18") Auto. 5 Bottom Plow
11' J.D. KBA Disc Harrow
10' Ford Disc Harrow

USED CORN PICKERS
N.I. 323 Corn Picker
N.I. 324 (2 Row Wide) Picker w/12 Roll Bed
N.I. 319 & 322 Mounted Picker

USED COMBINE & CORN HEADS
Gleaner FKS 2 Hyd. Combine w/13 ft. Header
Gleaner KKS Combine w/10 ft. HDR & 238 Corn Head
Gleaner C Combine w/440 Corn Head
IH 315 Combine w/13' HDR & 2 Row Corn Head
MH 82 SP Combine w/12 ft. HDR
2- MF QT24 Corn Heads (2 Row)

USED UNI EQUIPMENT
(Will Put Together Any Combination)
1 - 702 Diesel Uni Tractor
2 - 702 Gas Uni Tractors
1 - 706D (Diesel) Uni Tractor
1 - 702 Gas Uni Tractor (No Cab)
2 - 717 Uni Combines
2 - 713S Corn Heads
1 - 770 Ear Corn Apt.
1 - 710 Uni Combine
1 - 711 Uni Grain Head
1 - 767 Uni Super Chopper
1 - 738 (4 Row Narrow) Corn Head
1 - 844N Corn Head
2 - 766 Pickups
1 - 723 (2 Row) Head
1 - 729 Sheller

USED TRACTORS
A.C. 7020 P.S. w/Cab & Air & Wgts
A.C. 7000 w/Cab & Air & Rear Wgts.
A.C. 185 w/Wgts.
A C. 180 w/Wgts
A C. 5050 (300 Hr.)

NEW TRACTORS
A.C 7060 w/Cab & Air & Wgts.
A C. 6080 w/Wgts.
A C 6060 w/Wgts

ITCO
Dealer for ITCO Corp.
• Over 9,000 items At Discount Prices

ALLIS CHALMERS
AVCO NEW IDEA
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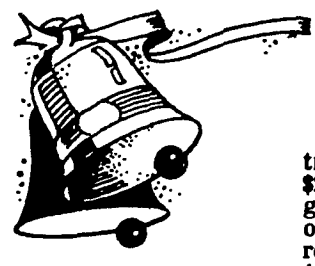


We wish all our friends and customers a Happy and Prosperous New Year.

(Combines, Tractors and Equipment on our Lot.

(Combines) Used 1980 New Holland TR 70 w/cat engine, like new with grain and 6 row C.H. Excel; Used 1980 JD 8820 fully eq. w/843 corn head real nice. 1981 JD 6620 turbo Hydro, 200 hrs., like new. 1977 JD 4400 Dsl. CA real nice like new; JD 8820 fully eq. w/4 whl drive and dual wheels used 450 hrs. like new for $88,500. New JD 4420 fully equipt. 443 C.H. 1975 JD 6600D rotary screen, good cond. 1976 Int. 715D, w/air & 13 ft. grain, field ready, never used in corn, Gleaner N5 fully eq. w/15 ft. grain and 6-30 C.H. 1977 Gleaner L2 hydro w/6 row C.H. 1976 Gleaner FD w/air and both heads (1 local owner); 1976 Gleaner KKS cab & air w/grain $12,500, 1976 Int. 915 grain head $19,900, 1979 MF 550D, excel. w/grain and corn heads. 1975 MF 510 hydra. w/grain and corn. 1973 Int. 915 gas w/grain head $8750. MF 510D w/cab, Quick Tach grain for $8950.

1968 Gleaner CII diesel w/cab and 4 row C.H., JD 7700 D w/grain & corn head for $24,500, JD 6600 D w/air & 13 Ft. grain.

1969 JD 55 sq. back corn special w/cab and 2 heads; Int 715 gas w/cab, 810 grain Int. 810 13 ft. floating cutter bar.

Used JD 213 and 215 flex heads.

Late model Int. 303 w/cab, N.H. 985 w/cab and grain and 4 row 38" C.H. 1972 Gleaner F w/grain & C.H. NI 702D w/cab $6200. NI 707 w/729 A sheller.

TRACTORS & EQUIP. Farmall 1566 w/cab and duals, Used White 2-105 w/roll guard, Ford 4000D w/1400 hrs. excl.

New John Deeres 4040 w/Power Shift and R.G. for $23,950, New JD 4240 cab & air Q.R. for $30,000, (6) real nice balers, JD 346 w/thrower, JD 336 w/thrower, NH 320 w/thrower, used 1 season. NH 315 w/thrower, NH 851 Round Baler (nice); JD 500 Round Baler; Hawk Built round baler.

Corn Heads JD 643, 444, 843, 343, 443, 435N, 313 for 45C, 334, 235, Massey Ferguson 1144 like new, 63, 43, 44, 24, 222, 422, Gleaner L438, F430, F438, K238, F335, F330, M430, K339, Int. 863, 864, 843, 743, 227, NI 4 row 40" heads, Case 4 row 40", MF 44 & 43 Lo Profile, Int. 6 row, 30" for 503, NH 4 row 38" C.H. New JD 444 $7350, New JD 643 $12,500, used White 706N C.H.

New Int. 5088 fully eq. new Farmall 1586 w/radial tires and triple outlet for $29,500, Farmall 706 gas, 806 diesel w/cab original-Nice. 1206 real nice, new JD 4440 C.A. Quad w/radial tires, used JD 4230 w/R.G. and creeper gear, 2630, 1966-4020, 3020D WF and Diff lock. We have 5 JD 4020 side console diesels. JD 2440 w/R.G. 2840 for $11,600, 1970 JD 5020, 4010D WF w/dual hydraulic, Ford TW20 w/cab w/220 hrs., damaged, give us an offer, 1972 JD 4020D, WF.

TRACTORS AND EQUIP. REC. THIS WEEK. JD 4640 power shift fully eq. w/300 hrs., like new for $33,800.; Farmall 1066 w/front wheel drive used 800 hrs., JD 4620 w/cab, JD 4020 S.C. P.S., JD 2630 w/loader, Oliver 2255 w/cab, Case 1210, Farmall 826D nice original, New NI 324 picker w/super sheller list $15,390. Special $8,475. New NI 325 picker w/super sheller, new NI 404 wheel rake; NI 2100 (Demo) liquid manure spreader list $11,300 Special $6450. Farmall 706 w/310 German D w/cab, MF 1105 w/cab and air. Farmall 656 hydro D. w/cab, Farmall 1456 original; Int. 544 utility hydro D w/2000 loader, JD 8630 fully eq. w/duals; JD 4020 D.W.F. Power Shift, JD 2520D, MF 1135 w/R.G. and dual wheels, MF 285 D. Int. 556 utility Hydro D. D.B. 1200. NH 890 2 row snapper head. JD narrow 30" 2 row crop head, like new. Used N.H. 354 Grinder Mixer, like new.

NI 325 pickup w/12 roll bed used 4 yrs.

TRACTORS 1977 JD 4230 cab, air, quad, real nice. JD 6030 C.A. Duals, real sharp; JD 6030 cab and duals, JD 4320, JD 4010D, 1 owner original, Farmall used 986 cab and air, 1566 cab and air w/new T.A., Farmall 544 gas W.F. Farmall 706D WF & 3 pt.; NI 324 picker w/super sheller used 80 acres, New NI 323 - 1 row pickers at old price.

Int. 3588 - 2 + 2 w/dual wheels, used 530 hrs. like new for $29,500; JD 4020 W.F. power shift, good tires $7700; Case 1070 P.S. $6975; JD 4020D. W.F. D.L. Dual hydraulic & cab, JD4010 D. W.F. JD 4010 Tri D, Farmall 766, 706 w/310 German D. 1 owner original, real good. Oliver 1850D, Case 930 Standard, 460D w/F.H. New Holland 770 w/2 row 30" C.H. NH 890 Harvester w/2 heads, (Summer Specials) New JD 4440 Sound guard body QR $34,800. Deutz 9006, Farmall 1086 cab needs repair come look and make offer.

CULTIVATORS - New Case 3 pt. 8 row Hydro fold. JD 4 row & JD 6 row rear.

CORN PICKERS - Used (2) N.I. 324 w/12 roll bed, (1) NI 325 N w/12 roll bed (325 N. w/sheller), NI 3 row 30" picker w/super sheller, New Idea shellers and Super shellers, N.I. 2 row 30" picker w/grinder. Int. 234 w/12 roll bed. NI 319 mtd. picker, JD 300 w/2 or 3 row C.H. Used NI 323, #10.

J.D. 7520 w/3 pt. & Dual Wheels. JD 4020 w/58 Loader, JD 4430 w/sound guard, cab and Q.R. for $15,500.00, JD 4320 w/cab.

Farmall - 1568 - V8 w/cab & air used 1000 hrs., 1566 w/cab, 1466 w/cab. 886 w/cab, 800 hrs., like new. 856D nice, Steiger Bearcat 4 whl. drive w/dual wheels and new motor in excell. cond.; Farmall 460 Gas w/F.H., Farmall 756 gas, Hi Crop- 656 diesel, 756, Cub Cadets 1650, 1450, JD 210, 200, 112, Farmall cub w/mowers.

HARVESTERS. Used JD 3960 w/long tongue and elec controls real nice for $7250, N.H. 770 w/2 row, Used Int. 720 - 2 row, for $4650. NH Super 717 1 row, J.D. 38 Chopper w/2 row, Fox 2 row snapper head. NH 770 1 row snapper C.H. Gehl 600 w/2" 30" & pickup head.

Gehl 400 w/2 row snapper head W.N. and pickup head, Fox 2 row 30" Silage Head, JD 1 row snapper head for 38 & 3800.

ALLIS CHALMERS New 7010 - AC 200 w/factory cab, AC 185 w/R.G. w/600 hrs. for $9400. AC 185 w/turbo for $8000; 7040 w/cab, power shift like new, low hrs., 210 w/new 20.8x38 tires, AC 7000 P.S. w/R.G., 180D, AC H3 Crawler w/blade and winch.

JOHN DEERE New JD 4440 cab, air, power shift, $35,900. New JD 4440 cab, air Quad, used JD 4430 - 4 post, power shift, used 4230 cab, air, QR, nice, 1975 - 4430 C.A. QR. sharp. 4030, 5020 tractor puller, JD 4030 w/R.G. and Quad. JD 60 w/P.S. JD. A. JD 70 w/P.S. & 3 pt.

FARMALLS: used 1086 w/cab, air, 1 owner- looks like new, 20x38 tires for $19,500, 686 Dsl. w/1600 hrs., 966 black stripe w/roll guard, 1066 red cab & air, Used 686 w/cab & air, 1206 w/cab, 806 w/3 pt. & 38" wheels, Farmall 656 Diesel & 656 gas, Farmall hydro 70 w/w.f. and 3 pt., 826 hydro D nice. 656 Hydro D. WF 3 pt. original, Farmall 400 gas w/P.S. F.H. real nice w/4 row cult. and F.H. rear blade.

Int. W9 gas w/pulley.

New White 2-105 w/cab $22,850. 2255 w/V-8 cat and new over and under shift.

MASSEY FERGUSON - 2805 24 spd. w/duals real nice, 1130, MF 180D. 1971 MF 1100 w/cab real nice, MF 1130 for $6250 Look at these tractor prices.

(Case) New 2090 Cab & Air, power shift $23,900; Case 1030D for $5700. Case 1210 at $4950. Case D.B. 1200 for $3900. D.B. 995D, Oliver 1950T w/cab, 2050, 1855 w/20:8 tires 1800, 1850 w/cab, 1550 gas, 1855 w/dual wheels, Oliver 550 w/loader, Ford 6000 Commander, D, Ford 5000D real nice, Ford 3000D, 52 Ford 8N Original excel. Ford 5000 Dsl. w/dual power, real nice, MM Vista 1000 w/cab and loader, MM S670 diesel.

JD 2510 gas, Long 350D w/mtd. broom; Int. 460 utility w/loader.

N.I. 702 Uni tractors w/combines & 729 A and 729 Uni shellers w-3 & 4 row 30" and 40" heads. Used JD 13 to 15 ft. grain heads.

IND. EQUIPMENT - Int. 510 4 whl. drive payloader used 500 hrs. like new. Cat 933 crawler loader, Case 850 D dozer w/hydrl. blade, Skid Loaders - Bobcat Hydro 700. Ford CL40 Skid Loader.

Ford 4000 gas loader and backhoe.

Int. 3400D. L&B Howard 3 pt. backhoe, Long 1199A-3 pt. Backhoe like new $3850.

TRACTORS W/LOADERS - JD 4020 W.F. w/58L, JD 2020 w/47L, Int. 544 utility w/2000L, Int. 340 utility gas w/L, Int. 350 utility gas w/L, MF 202 Ind. w/L, Oliver 550 gas w/White 1510 L, Case 530 w/L.

Mechanics Special JD 4020 gas, power shift $3950.00.

Case 1030 Needs Trans. Work. Case 1410, Farmall 460D w/F.H.

PLANTERS Used JD 6 row Conservation, fully eq. real nice. New 7000 JD 4 row w/Inst., fert. & monitor $6950, used JD 7000 six row w/fert. fill, plateless, inst. w/minimum till & monitor, (new) White 5100 4 row planter w/monitor for $6850.00, Used Case 13 ft. Disc w/new blades and dual wheels. (New Haybines,) Gehl 1090 9 ft. for $4800; (used haybines), MC 7' rotary scythe, JD 1209, NH 488.

New Holland 354 Gr. Mixer; Used John Deere 300 Husker.

MF #246 Quick tach loader Like New, used JD 444 corn heads from $2450, and up.

Cabs for JD and Int. Tractors. Used Int. rollguards. New Int. #4500-16½ ft. field cult.

Glenco 12 ft. 9" Soil Finisher like new.

New JD 8300 grain drills 21x7 double disk, Used Int. #510-18x7 D.D., Used Int's #10 (SOLD) 18+7, Farmall 560 w/Int. 234 mtd. picker, $3775.00.

Planters - Oliver Planter 6 row w/no til fert. fill, inst.AC 4 row no til w/dry or liquid fert., Woods 120 offset cutter. NH pick- up heads for 770, 717, Miller 12 ft. offset disk, Athens 10 ft. rock disk) JD Disks #210 - 12x14 ft. Int. #480-22 ft. Wing Disk, Badger 1500 gal. liquid tank spreader, New Westfield grain augers 41 ft. 8" KD=$1395, 56 ft. 8" KD=1995. Used Manure spreaders - 1 NI 214 nice, JD 54 - good, NH 518 - nice.Int. #200 Gr. drive spreader, NH 27 & 28 Blowers.

PLOWS - Int. #720 5x18 reset like new, Ford 3x18 sp. reset, JD 2500 6x sp. reset, JD 5x hyd. White 4X spring reset, 2 rollover plows - Int. #140 - 4x18, Oliver 4x16 rollover plows, New Brillion 21' hyd. fold packer, Used Brillion 15 ft. cultimulchers, Chisel Plows, Int. 13 ft. 3 pt. and w/gauge wheels, JD 11 ft. pull type Athens 7 and 10 ft. 3 pt., new Int. (SOLD) #80 snow blower; New Johnson loader.

Flail chopper, New Holland 38, Straw choppers for combines; JD 4400, 7700, 6600, MF 510, 550, Rakes NH 256, used NI 404 whl. rake.

Bargain corner Haybines - 2 New Idea 9 ft., 2 Hesston PT 10.

Owatonna 200 haybine, NI 279 cut-ditioner; NH 469 Haybine; NH 269 Baler w/thrower; Starline tank spreader, Hawk Built tank spreader, Bearcat Gr. Mixer, Helix Gr. Mixer; Int. #50 4 row stalk (SOLD) shredder, Woods 4 row stalk shredder, Int. 400 4 row, air planter for $975.00, White 5400 4 row no til, JD 1240 plateless, 6 JD 1250 and 1300 six row planters for $700 to $1450, Int. 400 6 row air planter for $1450.

Used JD 400 15 ft. rotary hoes, New White. 14 ft. field cult., Kawanee 22 ft. Wing Disk, JD 220 Hydraulic fold disk, Int. #510 24x7 DD grain drill-nice.

Loaders - used JD 58, JD 148, 46A, MF 246 QT like new, MF loader for 1105, new Int. 2250. Int. 2000 Loader, 3 pt. hitch for 630 and 730 JD tractor. New and Used J.D. Quick Couplers. 4 Used 30.5 x 32 tires.

(Combines for Parts) MF 510.

TRUCKS - 1979 Chev. C65 24 ft. rollback w/61,000 miles, like new, KW truck tractor fully eq. looks like new, Delta 44 ft. combine trailer, 1980 Silverado Chevy diesel w/every option, looks like new (New) NH Direct cut head for 770. (New) Kill Bros. gravity bins. New Kill Bros. 6 & 8 & 10 ton running gears. Pick up heads for Int. 550, 650, 350, Fox pickup head, (20) sets of dual wheels all sizes.

JD front & rear weights, IH front and rear weights.

For your needs call:

STITZEL FARM EQ. INC.
East Windsor St. & Krick Lane
Hamburg, Pa. 19526
Phone Bus. 215-562-8377
home 215-562-7451

Erb & Henry's value harvest

★ FAHR HAY TEDDERS ★

NEW RHINO 131 12' 11" FLEXIBLE DISK HARROW
24" smooth blades ¼" thick, 9½" spacing, new dual tires & tubes, furrow filler & set up, list $8257 ..... SALE $ 7,000

FIDELITY 35 KW ALTERNATOR
with trailer and PTO, list $4295 ..... SALE $ 3,550

UEBLER 790 ELECTRIC FORAGE FEEDER
with batteries, list $3860 ..... SALE $ 3,200

VICON 620 HAY RAKE
4 Wheel, 3 Pt., list $1100 ..... Was $900 SALE $ 650

STARLINE 930 ROTO-SPREADER, one left ..... At Old Price

• John Blue Sprayers In Stock!

• Farm Bilt Bale Wagons In Stock!

COMBINES!

★ IH 1460 Axial Flow Combine In Stock, DEMO - Special Allowance Available

★ IH 1420 Combine - In Stock

★ 963, 944, 943 Heads In Stock!

★ 820 15' Floating Cutter Bars, DEMO -- Special Allowance Available

★ 810 15' Cutter Bar (Old Price!)

– We Specialize In IH Combine Parts and Service

ASK ABOUT IH RED EDGE
"PERFORMANCE SAVINGS"
NEW 30 and 50 SERIES TRACTORS

Best Cash Prices Ever On All Equipment Now Thru Dec. 31st

★ IH 3688 - Demonstrator - Extra Special Price!
★ IH 5288 - Demonstrator - Extra Special Price!
★ IH 6388 - 4 Wheel Drive - Buy A Real 4WD At The Same Price As An Add-On 4WD!

INTERNATIONAL® AGRICULTURAL EQUIPMENT

Ask About *Cash Rebates*

On Loaders, Tillage, Hay & Other Equipment

REBATES AVAILABLE IN ADDITION TO THESE LOW, LOW PRICES!

IH 1250 GRINDER MIXER, ... Old Price
IH 1350 GRINDER MIXER ..... Old Price

DEMO IH 501 DISK HARROW - 12'5"
26" blades ¼" thick, dual wheels w/new tires, furrow filler w/blade, hyd. cyl. hoses & fittings, set up, list $8031 ..... Was $6,225 SALE $ 5,925

IH 315 20' PACKER MULCHER HYD. FOLDING
Hyd. transport cyl., front scrapers, leveling bar, A&H, list $9312 ..... Was $7,900 SALE $ 7,500

IH 415 PACKER MULCHER,
10'2 ..... Old Price

IH 482 CUB CADET 11 HP
4 Speed, single cyl., Briggs & Stratton, hand lift, 38" mower FREE ..... SALE $ 2,495

IH 5288 TRACTOR,
Demonstrator ..... Extra Special Price!

IH 1086 Rental
Low Hours ..... Time To Sell!

IH 4130 Gas Skid Loader, Demo. ..... Call For Price!

NEW! **New IH 496 CUSHION GANG FLEX WING DISC HARROW w/EARTH METAL DISCS** NEW!
• 22 FT. DEMO IN STOCK - ONE ONLY - CALL FOR PRICE
• 19 Ft. 1 SOLD Also In Stock!

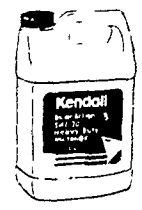
• IH 3 pt. 181 Rotary Hoe In Stock! • IH 4 & 6 Row 183 Cultivators In Stock!

ERB & HENRY EQUIP., INC.

New Berlinville, PA. 19545
Ph: (215) 367-2169
Daily 7-5; Sat. 7-3

We're An "XL" Dealer!

SPECIAL PRICES on Kendall Oil For Diesels



BULK or DRUM

Bring Your Containers And Save

HOOVER DIESEL SERVICE

PH: 717-656-6133
2998 W. Newport Rd., Ronks, PA 17572
2½ miles East of Leola along Rt. 772

FARM EQUIPMENT

FOR SALE
MF 165
MF 150
MF 2805 w/duals
MF 265
MF 43 corn head
JD 4020
MF 550 combine w/1143 corn head
MF 321 corn head

L & M BURKHOLDER
Ephrata, PA.
717-859-2960
717-859-2712

INTERNATIONAL® AGRICULTURAL EQUIPMENT

NEW TRACTOR SPECIALS

IH 784 4 wh. dr. w/TA
IH 3688 w/rops and 18.4x38 tires
IH 3688 w/cab & 18.4x38 tires
IH 5088 w/cab and 20.8x38 tires
IH 3088 w/16.9x38 tires
IH 784 w/TA
IH 684 w/TA

NEW EQUIPMENT SPECIALS

TILLAGE
IH 510 4F 18" plow
IH 720 6F 18" plow
IH 5500 Chisel plows
IH 475 12' disk
IH 415 12' packer mulcher
IH 4500 12' vibra shank cultivator

HAY AND FORAGE
IH 1190 9' mower cond.
IH 600 forage blower
IH 120 forage box
IH 881 forage harvester w/hds.

PLANTING EQUIPMENT
IH 5100 16x7 drill w/out fert.
IH 5100 18x7 drill w/out fert.

SPREADERS & MISCELLANEOUS
IH 540 spreader 185 bu.
IH 550 spreader 215 bu.
IH 560 Spreader 245 bu.
IH 30' 8' blade
IH 40' 8' blade
IH 2250 loaders

ALL EQUIPMENT ON STOCK

USED TRACTORS

IH 186 D w/cab hydro nice .. $22,500
IH B275D Tractors $1150
IH 806 D w/3 pt. $8500
MF 1080 D ..... Coming In
IH F 300 Gas w/2 pt. $1750

USED CORN HARVESTING & COMBINE EQUIPMENT

IH Sheller for 234 Picker $950
Fox 1 Row Corn Head for a 546 . $150
JD 30 Pull Combine $1150

USED HAY EQUIPMENT

IH 990 7' mower conditioner .. $1750
IH 37 Baler w/thrower $1800
IH 27 Baler w/thrower $1500
NH 469 mower cond. $2350
Hesston 1010 10' hydro-swing mower cond. $3500
NH 770 Forage Harvester w/2 RW narrow head and pick-up unit $5250
IH 2 rw wide and narrow head for 720 and 830 harvesters $1650
IH 45 Table Blower $200
JD Bale Thrower, for a 24T Baler $150
IH 120 Mower (Balanced Head) . $650
Brady 6' Stalk Cutter $450

Waiver of finance until 6-1-83

USED TILLAGE

IH 315 - 12' packer mulcher w/cyl. $2150
Ford 142 Auto. Reset, 5F, 18". $2250
IH 401 16' Harrow $600
Athens 8 Tooth mted. chisel plow $1250
Leley Roterra 12' $950
IH 60 3F 14" trailer plow $375
IH 550 5F 16" plow $1250
IH 710 5F 16" plow w/cyl. $2250
IH 37 10' disk $750

SPREADERS AND MISC.

Hawk Bilt 2195 Flail (New) spreader w/hyd lid $5350
NI Model 211 Spreader (Nice) . $1350
NI Elevator $200

USED PLANTERS AND DRILLS

IH 510 16x7 D.D. Comb. drill .. $3250
IH 56 4 row $1250
IH 400 4 row 38" $1500
JD 494 A w/new hoppers $1350
IH 400 6 R 30" Planter, w/insect $4500
IH 249 2R planter $500

Waiver of finance until 5-1-83

MIFFLINBURG FARM SUPPLY, INC.

East Chestnut St., Mifflinburg, PA 17844
Phone: (717) 966-3114
Evenings - 717-524-2924 - Frank Saner

FARM EQUIPMENT

WE

FIELD QUEEN
FORAGE HARVESTERS

SEE THE NEW HESSTON TRACTOR LINE
40 to 160 HP
NEW TILLAGE
Glencoe SS 9 Soil Saver $5900
Amco 19' Flex Disc
White 271 23' Disc
13' 245 Bush Hog Offset
26" Disc $7900
14' 1439 Bush Hog Disc
508 SAR 4X18 Plow
NEW EQUIPMENT
NI 802 Uni w/Harvester
NI 717 Combine
USED TRACTORS
White 2-180 4WD Cab, Air, Duals, 800 hrs.
White 2-135, 450 hrs.
Oliver 1850 w/cab
JD 2510 Gas
IH 350
Oliver 1600
Ford 8N
Ford 881
8C HydraMac Skid Loader
12C HydraMac Skid Loader

(3) Used Hesston 4800 Big Square Balers (1 like new)

USED HARVESTERS
MF 510 Dsl. Combine w/13' Soybean Head
Fox Super D2R Head & Pickup
Fox 3310
Fox 3000
Fox 299 80" Flail Head
Field Queen Side Dump w/Det. engine, 3R Head & Pickup
JD 3800
Gehl 600
NH 890, Like New

USED EQUIPMENT
NI 710 Combine
NI 725 3R Head
Brady 12' Shredder
IH 27 10' Disc
Arps 70' hvy. duty hyd. Angle Blade
Lely Double Wheel Rake 18 ft.
JD 1300 6 Row Planter
White 5400 4R No-Till Pltr.
JD 1240 Planter
IH 400 4R Planter
NH 26 Blower
Farmhand Recutter Blower
NH 469 Haybine
Hesston 1014, 12 Ft. Hydro Swing Windrower
Bush Hog 24' Soil Finisher like new
Glencoe 13 Shank Soil Saver
NH 442 Disc Mower
Woods 20' Bat Wing
NI Side Dump Wagon
Dion Fg. Wagon 3 btr. & roof
IH 51 wagon, 3 btr. & roof
NI 270 Cut Ditioner

SPECIAL SALE
PRESSURE WASHERS

OPEN HOUSE
Feb. 21 to 25

STOLTZFUS FARM SERVICE
Cochranville, Pa.
215-593-2407

FARM EQUIPMENT

KEENER EQUIPMENT INC.
1531 Manheim Pike
Lancaster, Penna. 17601 717-569-9861
Intersection of Route 72 & 283

USED FARM MACHINERY SPECIALS
END OF YEAR SAVINGS
John Deere 3010, 4010, M
Vermeer Round Baler, Gehl Grinder Mixer
AC 180, 190XT, D19, D17, D14
IH 1468, 2606, 656, 1466, 966, 450, A, C
Manure Spreaders, Transport discs
Post Driver, 6 Row IH #500 Air Corn Planter with monitor, Long 55" tiller, Cultimulchers, Field Cultivators, Snow Blades, Wood Saws, Scraper Boxes, Pulverizers, Chisel Plows, Wagons.
Crawlers - Case 310 diesel, John Deere 440, AC 655 with Ripper and bucket
Loader Tractors - JD 440, Frod 3550, Nuffield, Ferguson 40

Ph. 717-569-9861

See Us About Outstanding Deals on New Equipment

New Equipment Specials

Gehl 360 skid steer loader w/2 buckets	$5,750

Used Equipment

1086 tractor w/cab & air (1400 hrs.)	$21,500
Farmall 460, gas, tricycle, 2 pt.	$3,400
460 diesel w/2001 loader & hyd. bucket	$3,500
Farmall Cub w/plow and cult., 1974	$3,975
Farmall Cub Lo-Boy w/Woods mower	$2,350
Cultivator for Farmall Cub	$400
Fast hitch for Cub	$150
Front blade for Cub	$195
710 auto. rest plow 5x16	$3,850
550 5x14" plow	$850
IH 411 4x16 plow	$495
MF 3x14 3 pt. mtd. plow	$395
JD 3x16 3 pt. mtd. plow	$315
#45 vibra shank cult., 26½' w/mulcher attachment	$3,500
JD 12' mtd. vibra shank cult.	$1,295
Brillion 10' pulvimulcher	$2,000
IH #10 single disc, 18x7 drill	$1,975
IH 400 4 row planter w/insect.	$2,795
IH 400 4 row planter w/insect.	$2,450
IH 455 4 row planter w/insect.	$1,450
AC 4 row cornplanter, as is	$725
IH 453 cult. 4 row rear mtd.	$850
IH 200 rear mtd. 2 row cult. (new)	$775
IH 205 combine, cab, 10' platform, 2 row corn hd.	6,500
IH 93 combine, 10' platform w/pickup reel (nice)	$4,800
IH 430 baler w/thrower	$2,695
AC 303 baler w/thrower	$995
NH 67 baler w/thrower (motor on thrower)	$795
IH 7' 3 pt. Pitman mower	$475
Fox blower (as is)	$575
1190 mower-conditioner	$4,150
Hesston PT-12 pull-type windrow	$1,025
IH 863 6x30 corn head	$6,950
NI 1 row #10 picker	$885
Kewanee 8' 3 pt. blade	$495
IH 35 spreader, nice	$850
IH 560 spreader w/upper beater & hyd. endgate (repossession)	$3,900
Little Giant gravity flow wagon on chassis	$485

INCH EQUIPMENT CO.
Dalmatia 717-758-3021
717-758-6491
35 miles North of Harrisburg, PA on Rt. 147.
18 mi South of Sunbury
INTERNATIONAL AGRICULTURAL EQUIPMENT
• U.P.S. Service Available

FARM EQUIPMENT

SPECIAL OF THE WEEK
Demo
BADGER 205 Bu. MANURE SPREADER
w/Liquid End Gate
$2,350

EQUIPMENT FOR SALE OR LEASE
BADGER
3,000 gal. liquid manure tank
1,500 gal. vacuum tank
205 Bushel Manure Spreader
Forage Wagons
Forage Blowers
Bedding Chopper for Mulching
Persuader Pump agitator for Lagoons
Handy High Pressure Washers
Oswalt Mix Wagons
Grain Drill with band seeder
Also:
Registered Holstein Bulls

SHOW-EASE STALL CO.
573 Willow Rd. Lancaster, Pa.
Ph: 717-299-2536

USED EQUIPMENT

TRACTORS:
IH 574 D Row crop - $8,500
IH 574 Gas, Utility
IH 1566 D., Cab & Air, 30.5x32 tires, new TA, Real Nice - $18,500
JD 4520, 20.8x38 Radials, No Cab - $12,500
606 Diesel Utility, 3 pt. - $4,900
IH 560 Gas, 400 Gas
IH 350 Farmall, PS
IH 460D, Utility - $1,800 as is
IH 544 Gas w/2000 Loader - $6,500
(2) Farmall M
MF TO-30 w/Turf Tires
MF TO-30 w/Ag Tires
Leyland 154 Gas w/Turf Tires

COMBINES:
915 Combine, Low Hours, Like New
844 Cornhead, Like New
810 13' Cutter Bar
MF 410 Gas, w/34 Cornhead & 13' Platform
KKS Gleaner, 10' Platform, 2 Row Corn head, like new
FKS Gleaner Diesel 4 Row Wide, 12' Platform
Waiver of Finance Til 9/1/83

TILLAGE:
JD TO 310, 32 Disk, Real Nice
JD 111 10 ft. Disk Harrow, Like New
IH 470 Disc Harrow, 15' Folding, 7½" Spacing
IH 760 14' Offset Disc
Bush Hog 18' Folding Disc
Pittsburg 12' Disc
IH 370, 350, 37, 35 In Various Sizes
Cub 2-Way Plow
Oliver 4-Bot. Semi-Mtd. Plow
IH 531 3 pt. 3 Bot. Plow
IH 550 5-Bot. 16" Semi Mtd. Plow
MF 3 pt. Mtd., 3 Bot. Auto Reset Plow
Dunham 8 Shank 3 pt. Chisel
IH 13' Trailing Chisel
Glencoe 12' 9 Soil Finisher — $4,500

PLANTERS:
(2) IH 56 4-Row Planters 4 & 6 Row Cyclos, Field Ready!
IH 4-Row Front Mtd. Cultivator-Late Model
JD FBB 17x7 Comb. Single Disc, Good Shape!
JD 3 pt. 4-Row Wide Cultivator
JD FBB 17x7 DD
IH No. 10 13x7 Plain Drill
IH No. 10 16x7 Single Disc, Comb., Hyd. Lift
IH No. 10 16x7 Single Disc, Comb.
Oliver 24x6 Combination Drill
MF 13x7 Comb. Drill
Ontario 16x7DD Plain, Late Model
IH 510 18x7 DD, Plain Drill

MATERIALS HANDLING:
IH 1850 Loader
Century 300 Gal. Sprayer
Hansen 300 Gal. Sprayer, 42 Ft. Booms
157 Hawk Bilt Spreader - $995
Int. 550 Spreader w/End Gate
Int. 540 w/End Gate - Was $1995 Now $1395

IH 315 Hydro (For Parts)
IH 403 w. 4-Row Wide Head & 12 ft. Grain Platform
IH 315, 2-Row Wide Head
IH 205 w/227 Head
IH 203 w/2 Row Head
IH 227 Cornhead, fits 315, 205 or 203
Straw Chopper for Gleaner M
Set of Tires & Rims for 1420 Combine - 23x134 Rice tires

HAY & FORAGE EQUIPMENT:
MC 60 2-Row Shredder, Like New
IH 990 Mower Conditioner, 9', Steel Rolls, Very Nice Cond.
LAMCO Forage Wagon
IH 110 Forage Wagon
#5 Flail Chopper, Real Nice!
#8 Flail Chopper, Like New
33 NH Flail Chopper
JD 115 Forage Wagon
Gehl FBB 88 Blower
Gehl FBB 99 Blower
Badger TA-54 Blower, Like New
38 JD Chopper
550 IH Chopper
1014 Hesston Mower Cond.
NH 479 Haybine
NH 770 Chopper, 2 Row Wide & Pickup
JD 894 Rake
IH 430 Baler w/Thrower

MISCELLANEOUS:
Used CP Model 250 Rotary Vane Air Compressor w/IH 282 Diesel Engine Mounted on CO 1600 Int. Truck - $3900

ERB & HENRY EQUIP., INC.
New Berlinville, PA 19545
Ph: (215) 367-2169
Daily 7 to 5
Sat. 7 to 3

FARM EQUIPMENT

PEQUEA BATTERIES
Ronks, PA 17572

• GENERATORS
• STARTERS
• ALTERNATORS

PARMAK FENCERS

EXPERT REPAIRS

JOHN DEERE *Nothing runs like a Deere*

THIS WEEK'S SPECIAL
IH 86 DIESEL
w/2350 Loader
No Finance Charge Till June 1.

Used 6600 JD Combine w/13' Grain Head and 4 RN Corn Heads

USED TRACTORS
JD 2840
JD 50
Farmall A w/Cultv, Plow & Pulley
IH 86 Dsl. w/Loader

USED CORNPLANTERS
JD 1240
JD 1260 w/monitor
JD 246
JD 7000 4 R Wide

USED HAY & FORAGE EQUIPMENT
JD 6600 Combine w/Grain Platform & 4RN Corn Head
JD 3940 Harvester w/Electric Controls
Fox 2200 Fg. Harv. w/2 heads
NH 717 Harvester w/Corn & Hay Pickup
NH 3RN Corn Head
JD 244 Snapper Head for Fg. Harvester
JD 3RW Corn Head
NH 1002 Bale Wagon
JD 24T Baler
NH 271 & 269 Balers w/Throwers
JD 24T Baler
JD 14T w/Thrower
JD Hay Crimper
Hesston 1010 Swing Tongue.
OMC #216 9' Mower Cond.
JD 15A Chopper
NH #33 Crop Chopper
NH 27 Blower
NH 56 Rake
JD 216 Fg. Wagon w/Tandem Axle

USED TILLAGE
IH 13' Transp. Disc
Pittsburgh 12' Transport Disc.
IH 4B Spring Reset Plow

MISCELLANEOUS
Oliver Fertilizer Spreader
15 HP 3 phase elec. Grain Dryer Motor
NH 352 Grinder Mixer

NEW TRACTORS
JD 4250 SQ MFD 15 SP, PS, Trans.
JD 2940 SG

NEW HAY & FORAGE EQUIPMENT
JD 5720 SP Forage Harvester
NH 718, 782, 892 Fg. Harvesters
JD 3940 & 3960 Fg. Harvester
JD 506 Gyamor Mower
JD 316, 327, 337 & 347 Balers
NH 311 & 320 Balers
NH 847 & 851 Round d Balers
NH 488, 489, 495 & 1495 Haybines
JD 670 Rake
JD 660 Rake
NH #8 Fg. Wagon
JD 714 Fg. Wagon
H&S Fg. Wagon
H&S Bale Wagon

NEW PLANTERS
JD 7000 4 & 6 Row Consv.

NEW TILLAGE
JD 950 Roller Harrow
JD 2600 4B Plow
JD 1600 Chisel Plow
JD 115 & 215 Disc Harrows
JD 215 Dura-Cushion Disc Harrow
Haybuster No-Til Drill Also for Rent

NEW SKID STEER LOADERS
Bobcat 743 (Demo)
Bobcat 743

NEW SPREADERS
NH 519
Martin V Type & Scavenger
H&S #295 Spreaders

NEW DRILLS
JD 8200 18x7

NEW MISCELLANEOUS
JD 335 Skid Sprayer
Most Model JD Loaders & Blades
NH Finance Buyers Choice
• Cash Rebates
• No Interest Finance Available

No Finance Charge on new and used JD tractors until June 1, 1983
50 Series Tractors 3/1/83

Store Hours
Mon., thur. Fri. 7:30 to 4:30
Sat. 8:00 to 12:00

CLUGSTON IMPLEMENT, Inc.
1 Block off I-81 Exit 8
Chambersburg, PA 17201
Phone: 717-263-4103

bobcat SPERRY NEW HOLLAND

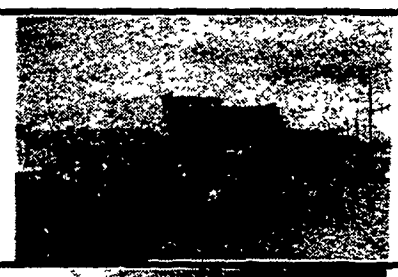
JOHN DEERE DESIGN, DEPENDABILITY AND DEALERS MAKE THE DIFFERENCE

JOHN DEERE USED TRACTORS

1010 RU Dsl.
4620 P. Shift Cab
4010 Dsl. W.F.E.
4020 Dsl. W.F.E.
4030 SYR. 4 Post R.G.
3010 SYR. Dsl.
3010 SYR. - Gas w/Side Mtd. Mower
630 Gas R.C.
70 Gas R.C.

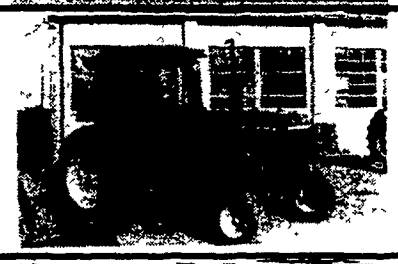
OTHER FARM TRACTORS

2 - 135 White-Cab, Low Hrs.
M Farmall
460 IHC Gas
MF 65 Dsl.
Oliver 550 Gas w/Sauder Loader
AC 5050 Dsl. w/Loader
AC 7045 w/Cab, Low Hrs.

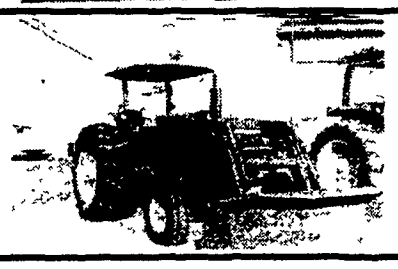


JOHN DEERE 7700 COMBINE
DSL. w/Cab, w/14 Ft. Platform
Priced At $19,900
444 Corn Head
Priced At $3,950
JDFP Financing Available
Waiver To Sept. 1-83 For Corn

JOHN DEERE 2940 TRACTOR
w/MFWD - 300 Hours
Dual Hydraulic Outlets
Priced At $19,900
JDFP Financing Available
Waiver To June 1-83



JOHN DEERE 4230 DIESEL TRACTOR
Quad Range Trans.
Sound Guard Body
Priced At $16,900
JDFP Financing Available
Waiver To June 1-83



JOHN DEERE 2640 HU DIESEL TRACTOR
w/Roll Guard & Canopy
w/JD 146 Loader w/84" Bu.
Priced At $16,500
JDFP Financing Available
Waiver To June 1-83

SALE -- RECONDITIONED USED EQUIPMENT PRICES REDUCED

PTO MANURE SPREADERS

Tag 318	NI 224 w/Endgt & Top Btr.	Reduced $500 to $3295
Tag 327	NI 218 w/Endgt	Reduced $595 to $3000
Tag 300	NI 213 Sngl Btr w/Endgt	Reduced $200 to $1595
Tag 313	NI 213 Sngl Btr.	Reduced $50 to $750
Tag 294	NH 214 Flail Type	Reduced $400 to $1595

GROUND DRIVEN SPREADERS

Tag 328	NI 206 (hubs only)	Reduced $100 to $1100
Tag 299	NI 206 steel whls.	Reduced $525 to $1250
Tag 283	NI 206 (hubs only) w/dgate	Reduced $400 to $1095
Tag 214	NI 206 stl whl AS-IS.	Reduced $50 to $350
Tag 305	NI 10A stl whl AS-IS.	Reduced $120 to $175

CORN PLANTERS - Subject to interest waiver
To April 1, 1983, JDFP

Tag 169	JD 7000 6R Cons, dry fert., insect. pop. monitor	Reduced $500 to $8495
Tag 165	JD 7000 4R Cons, dry fert. insect., monitor	Reduced $400 to $7550
Tag 141	JD 7000 4RW Reg., dry fert., insect., monitor	Reduced $800 to $4950
Tag 151	JD 1440 Zero Till 4R 80 plateless, dry fert. insect.	Reduced $145 to $2850
Tag 157	JD 1240 4R Plateless, dry fert., insect.	Reduced $900 to $1550
Tag 171	JD 1240 4R Plateless liquid fert.,	Reduced $1000 to $500
Tag 153	AC 500 4RW, dry fert., insect.	Reduced $700 to $750
Tag 164	AC 500 4R, fert., AS-IS	Reduced $345 to $250

CHECK THESE SPECIALS — CALL RIGHT AFTER 7 A.M. FOR INFORMATION & PRICE
NEW EQUIPMENT SPECIALS

JD 2440 RU 28" whls. Hi/Lo
JD 4240 quad w/sound body
"40" Series close out specials. New Customer cash rebates and finance waiver until June 1, 1983 or cash in lieu of waiver.
JD 327 Baler w/#30 ejector
JD 337 Baler w/#30 ejector, JD waiver to May 1, 1983
JD 7000 4&6 row planters
JD money bonus & waiver to April 1, 1983
JD 6620 side hill combine w/215 flex platform w/643 corn head
JD 125 Dsl. skid steer loader
JD 90 skid steer loader
JD 6500 forage blower
JD 465 flail spreader
NI 325 2RN picker
NI 323 1-row picker
NI 272 7' cut/ditioner

NI 206 SPREADERS SPECIAL TERMS NOW BEING OFFERED WITH DOWN PAYMENT BALANCE CAN BE EXTENDED TO MARCH 1, 1983

NEW IDEA 95 BU. GROUND DRIVEN SPREADERS

OVERSTOCKED! MUST REDUCE INVENTORY! PRICES AT COST!

206 New Idea Spreader Available With or Without Steel Wheels With or Without Endgate Att.

TILLAGE DISCOUNT

Make your best tillage deal with us; John Deere will make the deal even better

Now's the time to see us for a John Deere tillage tool. Besides the great deals we're making, John Deere is offering a 5 percent discount (off the latest suggested retail price of the base machine). Offer ends February 28, 1983

Equipment On Hand For Immediate Delivery

Model & Size	John Deere 5% Discount
115 Disk Harrow 10'0"	$162.90
115 Disk Harrow 11'5"	$198.25
315 Disk Harrow 12'10"	$400.45
235 Disk Harrow 18'6" (Cushon Gang)	$538.30
235 Disk Harrow 18'6" (Dura Cushion)	$722.05
1610 Chisel Plow 10'	$88.30
1010 Field Cultivator 18½'	$239.20
1010 Field Cultivator 25½'	$442.65

WINTER REPAIR SPECIAL

FREE ENGINE OIL CHANGE WITH TRACTOR REPAIR WORK

10% OFF

On all John Deere Service Work On Farm Tractors and Farm Machinery - No Minimum-Thru March 1, 1983

DISCOUNT APPLIES TO ALL SERVICE WORK DONE IN OUR SHOP INCLUDING HAULING, LABOR, AND JOHN DEERE PARTS USED PERFORMING THE JOB.
☆ FIELD SERVICE EXCLUDED ☆

Make all your farm machinery repairs now to avoid wasting valuable time and money in the busy Spring. Our mechanics are experts...call soon! - (717) 291-1046.
By Appointment Only
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JOHN DEERE

FARM EQUIPMENT

case

Case 2390 Tractor 1982, Fully Equip., 100 hrs. Dual Wheels, Traded for other Machinery
1980 Case 580C Backhoe/Loader w/Cab, Low Hours
IHC 856 Tractor in A-1 Shape!
IHC 806 Tractor, completely overhauled
1980 Massey Harris 450 Round Baler
NI 727 Husking beds, good shape
Plus NI cut/ditioners & mow/ditioners, tractors & spreaders in stock at Good Prices.
Interest waiver on all new and used equipment till March 1, 1983.
On New Idea Equipment till June 1, 1983

C. & P. FULTZ EQUIPMENT
RD 1 Spring Mills, PA
(814) 422-8807,
Ask for Paul

USED EQUIPMENT
NH 489 Haybine
Hesston PT10 Haybine
Loader for AC 160
(2) NH #56 Rake
AC Model 90 Pull Type Combine
Landoll 7 Tooth Chisel Plow
L or M #435 Corn Head
(2) Grove Self Unloading Wagon, 3 btr. & roof
Used Century sprayers
NH 275 Baler w/thrower
JD 14T Baler
JD 2010 Backhoe Loader
(2) New Armstrong 6 ply tires, mtd. on wheels & rims to fit D17's & 175 tractors

USED TRACTORS

AC 5050 Low-Profile
1 only
Special Price
$10,995

AC 185, like new
AC 7060, low hrs.
AC D19 Gas
AC D17 Diesel
AC WD
AC WD 45
IH 424 Tractor & Loader
MF 1085
Used Lawn & Garden Tractors w/mowers

NEW LANDOLL CHISEL PLOW
7 Tooth $5100

NEW EQUIPMENT AT USED PRICES
Many Models
New Holland Spreaders

NEW EQUIPMENT
Amco Disc
Bale King Hay Wagons
NH Skid Loaders
Hub Tool Elevators formerly N.H.
Glearner Combines

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FULL LINE OF AC TRACTORS INCLUDING THE NEW 8000 SERIES CALL FOR DISCOUNT PRICES.

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or Bob Gantz Sales
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FARM EQUIPMENT

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Also
ACRES OF USED EQUIPMENT AND TRACTOR PARTS.

WE WILL BUY OR TRADE YOUR USED EQUIPMENT IN ANY CONDITION.

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Used Deutz D10006, 105 h.p., $11,000
Used D5506, 57 h.p. $6,800
Deutz D8006, 85 h.p. 2800 hrs.
Myers Sprayer, 200 gal. PTO drive $800
AC 66" Combine
AC B-125, 4 cyl. power unit
Farmall H, 34 h.p. $995
Used homemade hay tedder $400.

NEW TRACTORS & EQUIPT. IN STOCK
D4507 Deutz tractor, 45 h.p.
D6207 Deutz tractor, 62 h.p.
D6807 Deutz Tractor, 68 h p.
D7807 Deutz tractor, 74 h.p.
DX 130 Deutz tractor w/cab & air, 121 h.p.
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Custom-built diesel Gen-Sets made to order
New & Used Deutz diesel engines at special prices. Call for details
New Deutz F2L-912 diesel engines 20-32 H.P. electric start.

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8 KW PTO generator on wheels, $950
'74 IH cabover sleeper, 318 Detroit, twinscrew, low mileage, 10:20 radial tires, sliding 5th wheel PS, $9500.
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SPERRY NEW HOLLAND

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Ford 8000
Ford 7000
Ford 3400 w/Backhoe
Ford 1200 w/Loader
Ford 1100 repossessed 4WD w/loader
Ford 445 Backhoe Loader Repossessed
Ford 545 Backhoe Loader Repossessed
Ford 960 Tricycle
Ford 535 Tractor/Loader/Backhoe
(2) Ford 9N
Ford TW10
Case 800 dsl.
Case DS1
Case DC
Case 680 C Tractor/Loader
Ferguson 20
Massey Harris 44
JD 2510

EQUIPMENT
Crown Rock Picker, hydraulic drive
NH 479 Haybine
NH 469 Haybine
NH 78 Baler w/thrower
JD 1209 Mower Cond.
NI Wheel Rake
NH 516 sgl. btr. spreader
JD spreader
IH 155 spreader
IH 175 spreader
Lawn & Garden Tractors w/Mowers & Snow Blowers

CHARLES S. SNYDER INC.
RD3 Tamaqua, PA
18252
Phone: 717-386-5945

82 FINAL SALE
AC 5050, 50 HP tractor, $11,900
AC 6060, 64 HP tractor, $15,995
AC 5015, 15 HP, $5200
AC 2317, 17' wing fold disk $6,500
AC 10' Chisel plow, $2,500
AC Model 2500, 13'6" disk harrow, $5,695
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McConnell 12' drag harrow, $875
Kewanee 7' rear blade, $325
Dion forage box 3 beater, roof, 10 T gear, 11L 8 ply tires, $5,500
34' Little Giant Elevator, $1,795
Wood bale box, 8x16, $750
Herd 1200 fert. spreader, $765

USED EQUIPMENT
AC 200 tractor, 96 HP, excel. cond., $12,995
AC 170 tractor diesel, $4,500
AC D17 tractor, gas, $2,500
Gleaner E combine, 12' head, $6,500
10' Pittsburgh drag harrow, $285
IH 400 corn planter, $1,450

ALL PRICES FOB, SALE EXPIRES JANUARY 8, 1983

Nichols Farm Equipment
2 miles South of Jerseytown on Rt. 44
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SALE
AVCO NEW IDEA

FOR SALE
IH 574, 2800 hrs., w/Sauder loader, new rear tires, $6,300 SOLD nice cond.
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Dion 60" forage blower, good cond. $1385
Artsway 154-54" forage blower, NEW $1600
N.I. forage blower, model 620, 54" fan, good cond. $875.
NH model 469 mow-ditioner, $2,560 good cond.
Wic bedding chopper, model 7910, 5 h.p., $1100 (Demo)
NI #323 1 row picker, like new, 90 acres, $4,300
IH #580 manure spreader, hyd. endgate, Gratz chains, good cond. ($3,000, $3,000)

HEISEY FARM EQUIPMENT, INC.
RD 1 Jonestown, PA
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FARM EQUIPMENT

MF
SPERRY NEW HOLLAND

USED EQUIPMENT
Tractors
AC WD
MF 285
Tillage
JD 4B Plow
Case 5B Auto Reset Plow
MF 66 3B Plow
Pittsburgh 8' Disc
3 Section Drag Harrow
16' Drag Harrow
Hay Equipment
AC Forage Harvester
IHC Forage Harvester
(2) NH 717 Harvesters
NH #36 Crop Chopper
MF #35 Rake
Badger 14' Fg. Box
Combines
MF 300
MF 205
NH 952 4 RW C.H.
Miscellaneous
NI 216 manure spreader
NH Super 717 Harvester w/2 heads
Gehl 2600 Skid Loader
NH L35 Skid Loader
Ontario Disc Drill
Gehl #50 MX Grinder-Mixer

MARLIN SCHREFFLER
Pitman, PA
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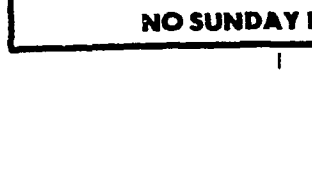
NH model 800 manure spreader with 19L 16.1 flotation tires and wheels, hyd. fluid endgate, fine manure pan, splash guard. Current list price - $19,206.
Selling Price - $12,500
Free Finance until April 1 OR 5% Cash Discount

Hutton Farm Equipment
Mahaffey, PA
814-277-5504
AVCO NEW IDEA
HESSTON
SPERRY NEW HOLLAND



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- free delivery to prepared site within 25 miles from shop - cost charged thereafter
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6'x8'	$340.00	10'x16'	$680.00
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10'x14'	$630.00		

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NEW I.H. MACHINERY

990 Mower Conditioner 9 ft.	$5100.00
315 Packer Mulcher 12'4"	$3795.00
3288 Tractor	$25,250.00
1250 Grinder-Mixer	$5985.00
425 Baler	$4645.00
720 5 F-18" Plow	$7285.00

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Kimberton, Pa. 19442

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5088
3288 w/air
784 RC w/TA
584 RC
284D
244 FWD
1420 combine
1420 combine
370 disc
401 harrow 12'
720 plow 4 btm.
2250 loader
45 vibre shank
4500 vibre shank
41 cultimulchers Dunham Lehr
40 cultimulchers Dunham Lehr
40 cultimulchers Dunham Lehr
1302 Holland transplanter
Gyrostar, tedder and rake
Woods scraper blades
Hesston 245
Selection of Wood's Mowers

USED EQUIPMENT
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Farmall 656D
2 Super C's
IH 574
Super AV
IH potato planter
IH 455 corn planter
Haines bulk bodies
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Meyers 400 gal. spray
Troyer elevator
100" Howard rototiller
800 Workmaster loader
JD 2 row potato digger
Lockwood 2 rw. potato harvester
2 Ontario grain drills

USED EQUIPMENT
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Hydro 84 Row Crop
720 5 btm. auto reset plow 18"
770 deep till disk 13'9" $6895
L445 NH Loader

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Your Full Service Dealer

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Model 4000 Ford Tractor w/Heavy Duty Model 720 Ford Loader. Excell. Cond.

$4250

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F.O. Mitchell & Bro. Inc.
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301-272-3636 day
301-272-2620 night

USED FARMHAND GRINDER-BLOWER ALSO FARMHAND TUB GRINDER

Tractors

AC 440, 4 Whl. Drive, Demo., like new
AC 190
AC 180 — IH 504
AC D19 — IH 300
AC 7030 — IH 450
AC 7040 — IH 340
AC 7050 — IH H
AC 7000
JD 2010 — JD B
JD 4010 — JD A
JD 70
Ford 4000 G
Ford 4000 D
Ferguson 65G
Ferguson 65D
Case 300 w/Loader
Case 800
Used Kubota 245 w/Loader, FWD
Used Kubota 245 FWD
Kubota 5100
Kubota 6100
Kubota 7100
New Gleaner L Combine
Used Miller Discs 8½', 10'
New Rotary Scythe
Used Rotary Scythe w/engine

GRUMELLI FARM SERVICE
Quarryville
Phone
717-786-7318

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IHC #55 3 pt. hitch chisel plow w/13' base frame SOLD w/11 teeth
Farmall 1066 Tractor w/red cab
JD 4430 Tractor SOLD air
Case 1370 Tractor w/cab and air
IH 856 & 1456 Tractors w/2 PTO's
(3) NI 705 Diesel Uni Tractors
IH 2400 B Utility Tractor w/2250 Mount-O-Matic Loader

RAYMOND B. LEAMAN
Willow Street RD 1
Ph: Lancaster 717-464-2778
Midway between Lancaster & Quarryville off Rt. 222 take Brenneman Road at Graybill Bros. Garage, Refton.

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JD 4240 w/cab, 400 hours
JD 3020G PS
JD 3020 w/cab
IH 1086 w/cab 1180 hrs.
IH 460 Utility w/loader
MF 1080 Diesel
White 2-85 w/cab
MM 1050 (sell for parts)

COMBINES

1977 MF 750, 1700 hrs. 2 heads
1978 JD 6600 Sidehill
1979 JD 6620 Sidehill
JD 4 and 6 Row Corn Heads
1980 MF 760 338 hrs. w/2 heads
JD 45 w/2 heads

TILLAGE

JD 210 13' Disc
AC 3100 10' Offset Disc
JD 1450 4x16 Plow
JD 1450 5x16 Plow
JD 145 4x16 Plow
JD 145 5x16 Plow
AC 5x16 Semi Plow
JD 1600 10' Chisel Plow

Selection of Used Planters including Max-Emerge.

TOBIAS EQUIPMENT CO., INC.
Halifax, PA 17032
Phone: 717-362-3132

USED TRACTORS

(2) JD 2840
JD 2940
JD 2020 Gas w/Loader
JD 4010 Diesel
JD 4430 Diesel
Allis Chalmers "B" w/Blade
International B-275
Ford 9N

USED EQUIPMENT

(2) JD 6620 Sidehill Combines (1979 & 1981)
(2) JD 4400 Combines w/cornhead
JD 336 Baler w/Ejector
JD 24T Baler
JD 4420 Combine with Heads
Hesston 1502 Tank Spreader
Gehl Grinder Mixer
Tye No-Till Drill, 10 Ft., Like New
JD 6-Bottom Plow, 16"
NI 319 2-Row Cornpicker
Used Snowmobiles

JD FARMING FRONTIERS - COMING JAN. 18th

SHOTZBERGER'S EQUIPMENT
Elm, Pa.
Phone: 717-665-2141

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- S Scranton Bale Feeders
- Vermeer 504H Baler
- Vermeer & Scranton Bale Movers
- Martin S SOLD preader
- (4) Vicon 4 Wheel 3 pt. Hitch Rakes
- (1) Vicon SOLD el Trailer Rake
- (3) Vicon 600 lb. Spreader
- (3) Vicon 950 lb. Spreader
- (2) Vicon 1900 lb. Fert. Spreader
- (1) Vicon 15' Power Harrow
- (1) Vicon RP1200 Round Baler
- (1) Vicon 8' Mower Conditioner
- Haybuster 1068 Semi-Mounted No-Till Drill

USED EQUIPMENT

- Int. 9' Haybine
- Vicon RP1200 Round Baler, Demo.
- Vicon 8' Mower Conditioner
- Vicon 10 ft. Power Harrow
- Brady Flail Shredder
- Martin 3300 gal. Liq. Spreader
- Hawk Bilt 257 Tank Spreader
- New Idea Manure Spreader
- Hesston 12' Hydro Swing Haybine

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Booth LL-13
Lower Level, Large Arena

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215 944 9583 215 944 0791

NEW TRACTORS

JD 1050	
JD 2440	
(3) JD 2940	$20,000 ea.
JD 4240 QR, SG Body	$35,000
JD 125 Ski Steer Loaders, Dsl. & Gas	
JD 125 Skid Steer Loader Gas	$12,500
JD 90 Skid Steer Loaders	

NEW MACHINERY

JD 445 Spreaders	
JD 235 19' Disc	$10,000
JD 1209 Mower Conditioner	$7000
JD 2700 5x18 Plow	
JD 1250 Plow 3x16	$1800 N/T
JD 1250 Plow 4x16	$2450.95
JD 7000 Conservation Corn Planters 4R & 6R	
JD 16x10 FF Drill	$4000
JD 327 Baler w/ejector	

USED MACHINERY

1981 White Combine #7300 w/704N 4 Row Corn Head	$30,000
1-JD 55 Combine, 235 C.H. and 12' Platform	$5000
JD 400 Tractor Model 1981 w/60 mower and Peco grass catcher	$5300
1-Yazoo Tractor and Mower Model 35	$2800
1-JD 4620 Tractor, new paint, new tires on rear, year round cab	$15,000
JD 7020 Tractor	$16,000
IHC 460 Tractor, Backhoe Loader	$8,500
AC 6080 Dsl. Tractor, 239 hrs., like new	$18,500
2-18x4x30-8 Ply Tires and wheels for Gleaner Combine	$500
JD 800 SP Windrower	$3200
JD 1500 Power Till Seeder	$4000
FH10 Hesston Stacker and Mover	$4000

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RD2 Box 49
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JD Agricultural Dealer and CP

NEW LEADER Lime & Fertilizer Spreaders

HI-WAY Cinder Spreaders - All Types
FRINK & VALK Snow Plows

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  - All New Magna-Trac Ring Drive
  - Silo Unloaders 10' - 30' New & Rebuilt
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  - Conveyors - Auger & Single Chain
- **T.M.R. Van Dale Mixer-Feeders - 4 Auger**
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  - 40 Cows to 400 Cows
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  - 1500 Gal. to 4500 Gal.
  - Soil Injectors
- **Liquid Manure Pumps**
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  - Centrifugal
  - Lagoon
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- **Uebler 810 Gas Cart**
- **Uebler TMR Forage Carts**
- **Red Top Stainless Steel Trough Cattle Waterers**
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- **Leasing Available**

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JD 4030, $1700
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JD L Tractor w/plow & cultivators
JD 1450 4x16 semi-mtd. plow
JD 1450 5x16 semi-mtd. plow
MM 32 blade transport disk harrow
IH 440 baler w/thrower, excell. $1895
JD 39 3 pt. sickle bar mower
NH 479 haybine
JD 38 harvester w/2 row N. head & hay pickup
JD 33 PTO manure spreader
JD 7000 6 RN Conservation Planter
AC 4 row no till planter
White 5400 6 row N. no-till planter
JD FBB 17x7 grain drill
JD FB 13x7 grain drill
IH 13x7 grain drill
Brillion 11 ft. cultipacker
JD 506 3 pt. 5' rotary cutter
JD 307 6' rotary cutter
JD 507 7' rotary cutter
JD 444 corn head
JD 6600 sidehill combine w/13 ft. grain head & 4 RW corn head $37,995
Midwest round bale unwinder 3 pt. hitch $595.00.
2 wheel trailer w/side boards
(5) JD high pressure hyd. cylinder
JD A18 high pressure washer

NEW TRACTOR TIRE CHAIN SALE

- 2 Pair 13.6x28 ..... S.P. $215.90
- 1 Pair 13.6/13.9x36 - 13.6x38 ... S.P. $216.90
- 1 Pair 14.9x26 - 14.9x28 ..... S.P. $190.00

* Priced subject to change after stock on hand is sold

NEW FARM EQUIPMENT SPECIALS

	L.P.	S.P.
JD 4440 Tractor		Call For
JD 2440 Tractor		Special Sale
JD 1050 Tractor		Price
JD 90 Skid Steer loader	10,633.00	9495.00
JD 125G Skid Steer loader	16,634	14,300
7 ft. Hay Pickup	3377.00	2995.00
JD 8300 18x7 grain drill	5221.00	4695.00

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John Deere Sales & Service
RD2, York, PA 17403
Phone - 717-428-1953

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case

Used TR 70 NH Combine w/6 row head and 13' grain head, fully equipped, 1,000 hrs. good cond. $32,500 cash price

Oliver 55 Tractor w/Heavy Duty Loader $2695

John Deere 4320 Tractor in good cond.

Hesston PT 10 Haybine, Real Good

New 8' Dunham chisel plow $1695

Plus
Used Haybines, Manure Spreaders, and other good used equipment available.
Check with Ted on New Holland FREE FINANCE arrangements

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35 E. Willow Street
Carlisle, PA
717-243-2686

Sweigard Brothers
RD #3
Halifax, PA 17032
717-896-3414

FORD TRACTORS
New TW 20 w/cab, 4wd, air
New 7700 w/cab, air
New 6600
1300 w/front wheel drive

NEW HOLLAND
New TR70 Combine w/ cab, air, heater, w/ cat. engine and lots of extras
13' flotation header and cutter bar, w/hume reel
962 N4 corn head
Used 13' NH grain head w/hume reel
New NH harvesters - 707, 718, 782
New NH 892 w/metal detector
New L35 gas, L55 diesel, L775 diesel skid loaders
Used 469 NH haybine
Used 479 NH haybine

NEW IDEA
New 456 large round baler $7500
New 299 9'3" mow ditioner $4000
NI 404 and 406 rakes
NI 323 one row corn pickers

Used IH 550 harvester w/pickup head and 2 row corn head

Dismantling Combines for parts over 150 all makes and models. Call before you come.

IH 64, 76, 80, 82, 125, 127, 141, 101, 151, 91, 93, 203, 303, 403, 205 & 815. JD 12 A, 25, 30, 40, 45, 55, 95, 105. AC 60, 66, Gleaner A, C, CII or L. MF Clipper, 26, 27, 70, 80, 90, 72, 82, 92, 35, 300, 410 & 510. Oliver 33, 35, 40, 430, 525 & 545. Ford SP & pull. 701 NI Uni tractor, NI Uni - 705D (ear corn unit), combine & shellers, Case 800 & 660.

TRACTORS
Farmall H
Distmantling AC D17 gas, wide front end & power steering
V-6 Detroit Diesel 478 motor, $1500
AC B w/plows and 1 rw. cultivator
Ford 901 PS/3 pt. new tires
IH 560 Diesel
NI #19 PTO spreader
JD #N PTO spreader
NH PTO spreader
Wide front end to fit MF 85
IH 5 btm. plow
IH 1300 3 pt. balanced head mower
JD #76 tank spreader
NH wagon w/220 gravity box
IH 560 gas tractor motor, same as 403 combine
2-15x38 tires mtd. on rims, 90% tread
IH 400 and newer, JD 60 and newer
IH 60 4x14 trip trailer plow
V type snow plow
6 tricycle tractors
MF Rotobar rake $725
IH Rotobar rake $425
IH rake $225
3-trailer type chisel plows

DISMANTLING TRACTORS FOR PARTS
Harvesters and Corn Heads for Parts
JD 2010, 70D, 4010, IH F 14, A, B, C, H, M, 300, 350, 460, 460 Ut., Supers C, H. & M. JD A, B, 50 & 60. AC WD, WC, D17. Oliver 70 & 77. Ford 8N. Case SC & V.A.C., DC. Massey 44D, MF 85D, IH 400, MTA, 240, F20, WD D2 Cat crawler. JD 70 G, Oliver crawler, 2 Oliver crawler loaders.
Dismantling 50 pickers for parts

KEITER'S FARM MACHINERY
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291 W. Moorestown Road
Route 512 At Clearfield,
Nazareth, Pa. 18064
Phone 1 (215) 759-0240

SUPER SPECIALS

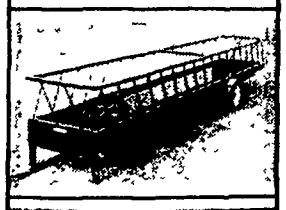
New Equipment

	Regular Price	SPECIAL PRICE
Woods 5' Dixie cutter, 3 pt.	$1,055	$845
Woods RM 306 finish mower, 3 pt.	$1,615	$1,295
Ford reversible rear scoop	$370	$295
Gannon landscaping scraper	$2,195	$1,750
Ford 5' hydraulic angle dozer blade (fits Ford 1300)	$1,285	$1,030
Glencoe soil saver, 6'	$5,465	$4,375
Westfield grain auger, 41' (less motor)	$1,385	$1,100
Bolens walk-behind snowblowers	$1,020	$815

Used Equipment

Woods HR 105 heavy duty cutter, 5', 3 pt.	$1,765	$975
Farmi logging winch	$1,795	$1,175
Ford 101 plow, 2 bottom 12"	$750	$600
1976 Chevy station wagon	$1,695	$1,450

YEAR END SPECIALS



Gehl 120 grinder mixer, excellent
New 3 pt. blades, 6 and 7', special discount
JD 7' pusher blade
New 6' bucket to fit Swartz or Oliver manure loader
White 316 plow, sharp
McCurdy and Farmer Boy gravity bins in stock
12' Supreme silage conveyor, used 6 months
Round bale feeders w/floors
7' Woods rotary cutter
11' Chattanooga cultipacker
13' Brillion field cultivator
Pequea woodsaw in stock
Opel flail chopper
Hardy rotary mower
Sales and Service on farm tires

DJ Implements
Located in Reistville midway between Myerstown and Schaefferstown along Rt 501
717-949-3074

CHECK OUR PRICES AND TERMS FOR NEW & USED EQUIPMENT

NH L35 SKID LOADER W/66" BUCKET, 125 HRS. DEMO AND RENTAL..... $10,500

NH 851 LARGE ROUND BALER WITH FREE RAKE OR MOWER..... UNDER $10,000

NH 800 510 BUSHEL SPREADER, ENDGATE. CALL FOR SPECIAL PRICE AND TERMS

3200 GALLON RENTAL LIQUID TANK WITH INJECTORS... $7500

NH 519, 679, 791, 800 Flat Bed Spreaders
NH 367 210 bu. tank spreader, hyd. lid
NH Mowers, Rakes, and Wagons

USED EQUIPMENT

NH 354 Grinder Mixer w/20' Auger	$3350
NH 365 Flail Spreader, good.	$2000
NH 518 Spreader w/gate	$1750
JD 44 Spreader 3 btr.	$350
NH 1895 SP Fg. Harv. w/ 3R Low Profile Head	$41,000
NH 1469 SP Haybine, Ford PU	$3575
NH 273 PTO Baler, Ld. Chute	$1550
NH 273 Engine Baler, Ld. Chute	$2475
NH 269 Baler w/thrower	$1575
Ford 250 PTO Baler	$475

Twine, Toys, Paint, Heaters
Call to schedule shop repair work.

AUTHORIZED
SPERRY NEW HOLLAND
PARTS and SERVICE
STARLINE VANDALE
ROYAL BRUBAKER
SALES ★ SERVICE
Phone: 717-626-7766 or 626-1859
700 Woodcrest Avenue, RD3, Lititz, PA

Used Tractors:

John Deere 2020, 4520, 4440 cab & air, dual, 4430 w/cab, 4630, 4320, 4230, 4030, 4020, 2510, 2440, 3020	Farmall 1466, 966, 766, 806, 756, 656, 460, 450, M, H, 574 w/loader
Allis Chalmers 210	Allis Chalmers 210
MF 175 diesel, 1100	Ford 9600 cab, 5000, 7000, 4000 diesel w/loader, 3400 w/loader, 2000

Used Combines:

JD 7700	NI 704 w/717 combine
JD 4400 gas	JD 7000 6 row conservation planter
JD 45	
JD 55 corn special	

Used Corn Heads

JD 2, 4 & 6 row corn heads	IH 6 row
	NI 4 row N

Used Choppers:

JD 5200 self-propelled chopper	NI uni chopper
Fox 3000 w/3 row head	3 row narrow uni head

Used Trucks:

IH 2010 tandem w/new grain body & hoist	'73 Chevy C65 w/400 bu. grain body & hoist in good cond.

Used Plows & Disks:

Used Keewanne 20' hydraulic fold mulcher	New Gehl, Fox & Badger Equip.
Used Keewanne 21' disk,	JD model 2500 6 btm. 18" auto. reset plow
JD 7 bottom on land hitch plow	NI 323 one row picker
1450 John Deere 7 Bottom	JD 346 wire w/thrower
New White 418 spring reset plow	NH 273, 275, 276, 278 balers
Large selection of John Deere 5, 6, & 7 Bottom	JD 1209 haybine
Athens 21' Hyd. Fold disk	NH 467 haybine
IH 470 18' Disk	Used Moridge grain dryers
Large selection of smaller John Deere disks	Gehl 95 feed grinder
	Gehl 920 tandem axle forage wagon, used 2 seasons

D & R EQUIPMENT INC.
Ringoes, New Jersey
(201) 782-5082

Seasons Best

As the New Year begins, may it be filled with prosperity and the very best of luck, all!

MF Massey Ferguson

January Special
20% Discount on all NH parts in stock, 10% Discount on all other parts & service

NEW EQUIPMENT IN STOCK

MF 540 diesel combine	MF 520 disk, 22" 12' scraper
MF 860 diesel combine, hydro	Glencoe soil saver $4,950
MF 1144 corn head	Du-al 200 bu. manure spreader, upper beater, hydraulic liquid endgate front spill guard, $4,650.
MF 1163 corn head	
MF 13' table	
MF 15' table w/floating cutter bar	
MF 13' UII reel	
MF 15' UII reel	

USED EQUIPMENT

Beaver 4 wheel drive tractor w/42" mower	MF 24, 33, 43, 44 corn heads
MF 760 combine 16' Corn & grain head	Heavy duty front end loader for a Ford or Ferguson, excellent condition.
MF 510 diesel combine	Ford 9N gas tractor
MF 300 gas combine w/2 row corn head & 13' grain head	

Renting skid steer loaders.

Radio Dispatched Service On All Makes Of Equipment

Large Inventory of New & Used Equipment

ABRACZINSKAS
Farm Equipment, Inc.
RD 1, Catawissa, PA.
717-356-2323
(south on Rt. 42)

LONG

WENGER'S INC.

OVER 200 TRACTORS SOLD THIS YEAR

251 SOUTH RACE STREET
MYERSTOWN, PA 17067

DAYS: 717-866-2135

PHONE:
NIGHTS: 717-866-7147

OR: 717-273-9089

TRACTORS

FARMALL TRACTORS

1086 ROPS - Nice $12,950
100 Hydro w/Rops $7950
H $650
444 Utility - Nice $3950
656D $5950
M - Live Hyd $1450
464 w/Loader 800 Hours . . . $7950
806 Diesel - Good $4950
1206 Diesel - Nice $6950
340 Utility - Nice $2950
Cub w/Fast Hitch $2450

JOHN DEERE

4430 Cab - Air - Syncro . . . $15,950
4520 - Nice $8950
4320 ROPS - WTS $11,950
4320 . . . . . $10,950
5010 . . . . . $6350
820 - 2 Cylinder $2950
3020 Powershift $5950
4020 - Side Console $8950
A - New Paint $850
4020 Diesel - Good $6950

CASE

1370 - 20.8x38's $8950
1070 Cab - PS $6950
830 CK $2950
VAC - Nice $1250
580 CK w/Loader & 3 pt. . . . $5950
1030 w/Cab, nice $5950

LONG

310 - New $5950
310C - New $5950
560 4 WD $4950
610 4 WD - New $11,450
560 4 WD $3450
550 . . . . . $2750

MASSEY FERGUSON TRACTORS

1105 . . . . . $7950
175D $5850
1130 . . . . . $6450
180 - Gas $4850
40 w/Sickle Mower
& Cab - Nice $5950
44 Gas $650
165D $4950

ALLIS CHALMERS

D21 w/Cab - Nice $7450
(2) G w/Asst. Tools $1850

OLIVER

1855 - Cab - 1700 Hrs. $9850
1650 - Nice $4950
1855 w/Cab, nice $6450

FORD

6600 - Nice $8450
2000 w/Mower - Nice $3950
NAA $2450
8N w/Clock $1650
600 w/Loader - Nice $3650
8000 . . . . . $4950
8600 - DP $8950
6000 - Diesel $2650

TRACTORS - MECHANICS SPECIALS

Farmall 806D $3950
(2) Farmall 706 . . . . . $3450
JD 4020D $5250
Oliver 1750 . . . . . $3450
AC WD45 w/2X Picker $2350
MF 180D $2750

"8" 4 WHEEL DRIVE TRACTORS From 50 HP to 225 HP

MF 1805 - Cab - Air - 3 pt PTO - Duals - Nice $19,450
Ford County 6 - 3 Pt PTO . . . $5950
Case 2670 - Cab - Air - 3 Pt - PTO Duals $19,450
Long 610 - New - Rollbar . . $11,450
Long 560 - 3 pt & PTO - Spider $4950
Long 560 - 3 pt & PTO $3450
Ford Major 4WD $3950
4WD Unit to Fit IH $1200
(2) 4WD Unit to Fit Oliver . . . . . Each $2500

Best Prices Around On Wagon Gear's

ALL ON 15" RIMS

6 Ton - Standard $395
8 Ton - QL Tounge - 8" Rims $545
10 Ton - QL Tounge - 8" Rims $595
12 Ton - QL Tounge - 10" Rims $875
11 Ton Tandem - QL Tounge - 8" Rims $875

CONSTRUCTION EQUIPMENT

CRAWLER DOZERS

Cat D8 . . . . . $1500
JD 450 6 way As Is $4800

BACKHOES

Long 3 pt. Hoe-new $3900
Long 5 in 1 w/cab $15,900
3 Pt. Backhoe . . $2400
Case Hoe Attach . . . $700-$1700
JD 310 w/cab $12,500
JD 93 Hoe Attach $2900

MISC. CONSTRUCTION

(40) Used hoe buckets . . . From $150
(25) Loader buckets . . . . From $95
(30) Set forklift forks . . . . . From $300
(6) Winches . . . . . Call
Adams Grader . $1750
(2) Huber Maintainer $2500 & Up

TRAILERS

1969 Great Dane 35 ton detachable . . $14,750
New 2X 4 Ton . . $1350
New 3x6 Ton . . . $2000
New 3x5 Ton . . . $1750

CRAWLER LOADERS

Cat 941 . . . . . $14,900
Cat 933 . . . . . $7900
JD 350 . . . . . $6900
IH T6 . . . . . $2900
AC HD6 . . . . . $4900

TRUCK TRACTOR

1974 Ford Louisville Diesel $7450
1979 GMC Cab Over $17,900
1970 White $2950

CONSTRUCTION DUMPS

1974 IH Diesel w/9' Body Air Brakes . . . $10,900

Get up on your high horse this New Year, make the most of it! May good cheer and happy days be yours!

COLLECTORS TRACTORS

- Fordson, Running w/New Rubber $1750
- Farmall "F20" w/Loader,, 1939, 1 Owner, Original $1150
- JD "L", Running, 1 Row $950
- JD "H", Not Running, Hand Crank $850
- JD "A", Styled, Hand Start, Nice $850
- Oliver "70" w/Loader, Runs $850
- JD "A" Unstyled $3250
- JD "A" Unstyled $950
- Farmall 15-30 . . . . . $1950

FINANCING NOW AVAILABLE ON ALL ITEMS OVER $500

HARVESTERS

NH 890 - Nice
NH 717 & Super 717
JD 25-35
Fox & AC
1 Row to 3 Row Cornheads
Direct Cut Heads
Pickup Attachments
Fox Flail Head
Snapper Heads For: NH Fox - JD

WINTER SPECIAL
Used Tire Chains

HAYBINES

NH 479
(2) NI Cut ditioners

CORNPLANTERS

1 Row to 8 Row
JD-AC-IH-Ford

CULTIVATORS

1 Row to 4 Row
Lots of Makes
And Models

SKID LOADERS

OMC 1700 Diesel $5900
Melroe 520 . . . . $5900

COMBINE CORN HEADS

NARROW ROW
IH 833-743-733-429-329-863-327
JD 643-443-434-334-313-335
AC 630-430-330
Oliver 703N-531-541
MF 63-43-33-321
NH 4x30 QT
Case 4x30-3x30
NI UNI - 3x30
WIDE ROW
IH 744-429-329-327-724-229-228-227-25-22-844
JD 434-334-234-210-205-10-344-244-444
AC 440-435-240-238
Oliver 544-531-522-512-
MF 44-24-422-322-222-22-20
NH 2x40
Case 4x40-2x40
NI UNI 3x40-2x40

CORNSHELLERS

JD #6 . . . . . $1500
MM 1200 . . . $3800-$4500
JD 43 - 3 Pt. $875
JD 43 Pull Type . $695

COMBINES

JD 7700 D - Fire Damage $6900
JD 4400 - Nice - Rotary Screen $13,400
JD 55 SB $4900
JD 45 SB w/2 Hds. $5500
MF Super 35 . . . $4950
IH 82 Pull Type . $3500

GRINDER MIXERS

Gehl - Nice $3450
NH 354 - Nice . . $3850

STACK MOVERS

Hesston 10W & 30
JD 200

CULTIMULCHERS

10'-12'-14'-16'

DRILLS

JD & IH
15 to 21 Disc

NEW DISC'S

3 Pt. - Now & Used
Wheel Type From 8' to 24'
Offsets From 10' to 16'

NI UNI SYSTEMS

701 Tractor w/cab
727 Husking Bed
2x40 Cornhead
3x30 Cornhead
710 Combine Grainhead
3x30 Chopper Head
Pickup Head
High Moisture Throat
2x40 Chopper Head
3x40 Corn Head
760 Chopper
717 Combine

NEW EQUIPMENT SPECIALS

6' 3 pt Scraper Blades $195
7' 3 pt Scraper Blades $250
8' 3 pt Scraper Blades . . . . $350 & $795
Landscape Boxes . . . . . $450& up
6'6" 3 pt Disc s $500
Spike Harrows . . . . $500-$600
3 pt. Fert Seeders $350
Round Bale Feeders $145
3 pt Boom Poles $49
3 pt P T O Wood Saws $495
3 pt. 9 P H Digger $450
165 Bu Gravity Boxes $465
210 Bu. Gravity Boxes $565
5 3 pt Rotary Mower $495

RAKES

NH-JD

BALERS

NH - IH

"NEW" 3 PT. PTO WOODSAW, 30" BLADE
Only $495

CABS

New & Used $495 & Up
Tractors & Combine Rollbars . . . $200 & Up
Cab Coolers $500

DUALS

New & Used
All Sizes

ELEVATORS

32' to 40' - $695 & Up
NH Mow Conveyors
Belt Conveyors

PLOWS

1 Bottom to 7 Bottom
All Makes - Some Resets

WAGONS

6-8-10-11-12 Ton Gears . . . . . $395 & Up
New Bale Bodies $495
New 16' Feeder Rack $595
Used 18' Feeder Rack & Gear $595
Used Bale Body & Gear $595
Used Bin Wagons . . . $695 & Up
Self Unloading Wagons

MISC. MACHINERY

Rotary Hoes
Lely 13' Roterra
4' to 10' Snow Plows
Post Hole Diggers
Lime Drills
Potato Plows
1X & 2X Potato Diggers
GT 270 Dryer
Mc 600 Dryer
(2) Gehl 72 Flail Choppers

LOG SKIDDERS

Tree Farmer C7 $6950

MANURE SPREADERS

NH - NI - IH Single Axle . . . . . $395 & Up
NH Tandem Axle $2850

LOADERS

Good Asst.
All Used

FORKLIFTS

Towmotor $2300
IH 350 . . . . . $2900
AC $3100
Towmotor $5200
(2) Tow Motor . . $5300
(2) Ford... . . . . $5900 & $3500

COME TO THE PEOPLE THAT DO BUSINESS

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

USED EQUIPMENT

AC D15 Tractor
Used D15 diesel tractor
NI 708 power unit and 702 power unit
737 husking bed
717 combine
713 combine
744 corn head
731 corn head
NH forage harvesters:
(2) 770 w/heads
(1) 717 and (1) 718
NH Super 68 baler

Special Sale
Low Acreage Machine
AC Model L Gleaner combine w/4 row corn head and 15' grain platform

Oliver semi-mounted 4 bottom plow

Used corn pickers:
NI 324 2 row corn picker
NI 324 picker sheller, 2 row

NEW EQUIPMENT

802 Uni power unit
767 Uni chopper
766 pickup head
768 corn head
1 7020 Hesston forage harvester
1 7140 Hesston forage harvester
2 7316 Hesston forage boxes
1 Hesston round balers
2 323 NI corn pickers
NI 213, 214, 244 and 245 manure speaders

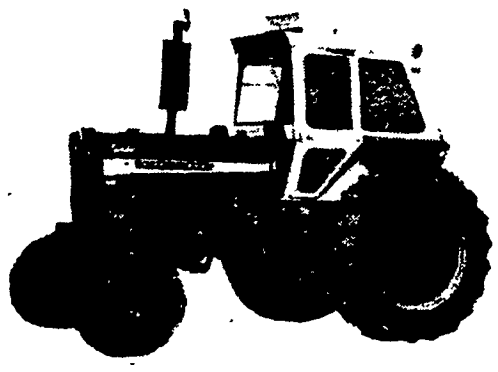
AC Tractors:
6060 4 wheel drive
6140 4 wheel drive
8010
(1) 5050
(1) 2600 disc

AIRVILLE EQUIPMENT, INC.
P.O. BOX 37
Airville, PA
717-862-3967

HERR & LEAMAN

Used Farm Equipment Sales & Service
10 miles S. of Lancaster along Rt. 222

HAPPY HOLIDAYS AND A PROSPEROUS NEW YEAR



GUARANTEED QUALITY USED TRACTORS

JD 4430 cab & air, quad range, 1976 model, sharp
IH 986 1979 model, cab & air, red seat, digital read out, stereo, 1127 hrs., very sharp
IH 686 diesel 1980, 560 hours, fully equipped, 16.9x38 radials, like new
IH 1466 red cab and air, new TA.
IH 856 D, 1971 model, wide front, 3 pt. hitch, 38" rubber, low hr. tractor, clean.
IH 706 German diesel w/late 56 series shift, 38" rubber, wide front, 3 pt.
IH 1456 w/20.8x38 rubber, good tractor
JD 4320, roll guard, 400 hrs. on engine overhaul.
IH 1206 turbo diesel, fully equipped.
AC 200 w/yr. round cab, dual PTO & hydraulics 18.4-38 rubber, 1700 hrs., sharp, local tractor.
IH 574 diesel, 700 hrs:, w/2250 Mount-o-matic loader w/quick-tach buckets, exc. cond. local tractor $8,850
JD 4320 w/factory cab, 38" rubber fully equipped
IH 966 fully equipped, sharp
IH 856D w/cab, fully equipped.
JD 4010 Diesel, wide front
JD 4010 Diesel, wide front, dual hydraulics, 80% rubber
JD 4020 Diesel, power shift, 38" rubber, clean.
Farmall MTA
MF 85 Diesel, good rubber
JD 620 gas tractor
Case 430 d. SOLD pt., real nice
Cockshutt 30 Diesel w/3 pt. hitch, live hyd. and PTO, real nice shape.
IH & JD cabs (used)

FALL CORN EQUIPMENT

IH 715 hydro w/4 row SOLD w and 13' grain head
NI 702 power unit w/heavy rear axle

Box 91 New Providence, PA 17560
Ph. 717-786-1606 &
Evenings 717-786-4899

Umberger's Of Fontana

RD4, Lebanon, PA (Fontana) 717-867-5161 or 717-867-2613
Mon.-Thurs. - 7:30-5:00; Fri. - 7:30-8:00;
Sat. - 7:30-4:00

OUR DUTCH AUCTION IS BACK!

Prices reduced on all items daily (except Sunday) until sold

NEW EQUIPMENT

Item	Starting Price	Daily Reduc.	Price @ 1/3
17'8" Bush Hog folding Transport disc 24" x ¼ blades	$10,700.00	$13.00	$9867.00
11 ft. - 11 tooth 3 pt. 3 Bar 32" shank Brillion Chisel Plow	$2225.00	$ 3.00	$1814.00
STC - 16 Folding Wing 16 ft. Transport Brillion Field Harrow	$2595.00	$ 3.00	$2172.00
SFH - 113B Glenco 11' 3" Soil Finisher	$7100.00	$ 9.00	$5831.00
New Idea 402 - 5 bar rake w/rubber flex teeth and caster wheel	$2150.00	$ 3.00	$1727.00
SL4600 Gehl Skid Steer Loader 44 HP Diesel, Water cooled, w/50" manure fork, w/60" material bucket	$16,675.00	$22.00	$13,573.00

USED EQUIPMENT

9 ft. Pulvimulcher	$ 425.00	$ 1.00	$294.00
10 ft. Power Harrow Rotera 3 pt.	$1995.00	$ 3.00	$1572.00
10 ft. 10 tooth 3 bar Bush Hog Chisel Plow w/guage wheel	$1595.00	$ 2.00	$1313.00
729A Uni Shelter	$3750.00	$ 5.00	$3045.00

USED EQUIPMENT

IH 400 Tractor w/F.H.
Gehl 95 Mixer
Gehl 120 Mixer
Gehl 100 Mixer, Good Cond.
Brillion 20' Transport Harrow w/wings
8 h.p. Brush Chipper
JD #127 5' Rotary Cutter
JD 25A 3 pt. Field Sprayer
NI 206 Ground Drive Spreader
MF 205 Spreader w/Pan and Gatz Web
NI 213-215 176 Bu. Triple Btr. Spreader, Ex. Cond.
Bush Hog 14 Tooth 3 Pt. Chisel Plow
IH #55 12 Tooth Pull Type Chisel Plow
Ford #142 4B Auto Reset Plow
(2) JD KBA Transport Disc
Ford Transport Disc, Nice Cond.
Used 7 & 10 ton Running Gears

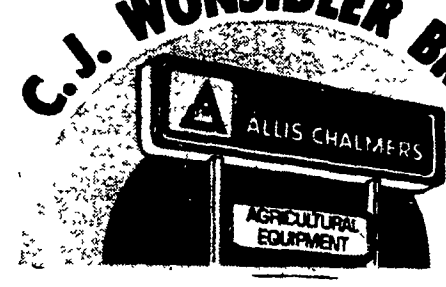
NEW EQUIPMENT

Hesston #1580 Tractor (130 h.p.) w/cab
Hesston #980 4 Wheel Tractor (90 h.p.) w/cab
Hesston 2240 Flat Fold Field Cultivator
Caldwell 7' & 8' 3 pt. Blades
NI 244 Manure Spreader
NI 245 Manure Spreader
Pequea #250 3 pt. Cord Saw
802 Uni w/power assist, 838 husking bed and 844 Narrow corn head

FREE SPRAYER CLINIC
HELD AT OUR SHOP
THURSDAY, JANUARY 6th
10:00 A.M.
Lunch Furnished
Sponsored by:
CENTURY SPRAYER CO.

AVCO NEW IDEA

C.J. WONSIDLER BROS.



SPERRY NEW HOLLAND

BRANCH
Rts. 309 & 100
New Tripoli, PA
(215) 767-7611
Mon.-Fri. 7:30 A.M. - 5:00 P.M.
Sat. 7:30 A.M. - 12:30 P.M.

★ 3 LOCATIONS ★
Trumbauersville to Finland Rd.,
Quakertown, PA
(215) 536-1935 or 536-7523
Mon.-Fri. 7:30 A.M. - 9:00 P.M.
Sat. 7:30 A.M. - 4:00 P.M.

BRANCH
Lobachsville, Oley, PA
(215) 987-6221 or 987-6257
Mon.-Fri. 7:30 A.M. - 5:00 P.M.
Sat. 7:30 A.M. - 12:30 P.M.

"PLOW THROUGH WITH A NEW MEYERS SNOW PLOW"
Plow sizes in STOCK!
(2) - 84", (2) - 90", (2) - 120"
Blades fit any make tractors. $500.00 Saving!
"Call while they are still in stock!"

TRACTORS

AC 7040 PS, w/cab
AC 7020 PS, w/cab
AC 7000 D w/cab
AC 190XT D w/cab
AC 185 D
AC 175 D
AC 5040 D
AC D19
AC WD45
AC WD
MF 1105D w/cab
MF 1100 D
MF 180 D w/loader
MF 180 D
MF 165 D
MF 50 D
MF 50
MF 30 w/loader
Farmall 656 D
Farmall 560 D
Farmall 400
Farmall 460 D
Farmall H
JD 4020 D
JD 3020 D
JD 2010 G

JD 60 w/237 2-row picker
JD 60
White 2-50 D
Oliver 550
Oliver 55 D
Ford 800
Ford 8N
MM G1000 D
Case 630 w/loader
Case 300

MANURE SPREADERS & MISC.

NH 676, 285 BU.
NH 175 BU.
NI 218, 325 BU.
NI 214, 206 BU.
(2) NI 213, 176 BU.
Badger 205, 200 BU.
Weaverline 224 Electric Feed Cart, 30 Bu.
Weaverline 223 Electric Feed Cart, 24 BU.

COMBINES

Gleaner N5 w/15' floating grain & 630 corn heads.
Gleaner L2 w/15' grain & 630 corn heads.
Gleaner MKS w/13' grain & 630 corn heads.
Gleaner F2 w/15' Grain & 4 row corn heads
Gleaner CII w/13' grain & 438 corn heads
Gleaner AII w/cab & both heads
Gleaner AII w/12' grain head
(3) Gleaner E w/cab & both heads
JD 8820 w/950 hrs., cab, air & heat, 15' floating grain, 830 corn heads, like NEW!
JD 55 Super w/cab, 12' grain & 330 corn heads
JD 55 w/12' grain & 338 corn heads
JD 45 w/both heads
JD 45 w/grain head
NH 975 w/11' grain & 238 corn heads
MF 300 w/11' grain & 238 corn heads
MF 82 w/grain & corn heads
NI Uni-System 702 w/717 combine, 4-row corn head
NI 767 Chopper w/702 2-Row Corn Head & 761 Pick Up Head

"SPECIALS"	List	CASH
NH 0D200 Disc-10' w/26" Blades	$11,500.00	$8,550.00
NH 0D200 Disc-12' w/26' Blades	$12,500.00	$9,550.00

UPS United Parcel Service

M & R EQUIPMENT, INC.

NEW PARK, PA

Ph. 717 993 2511 717 246 1972
After 6 P.M. Call 301 452 8693
Residence

PRICE

SPERRY NEW HOLLAND

KUBOTA

NEW EQUIPMENT PRICED TO MOVE

IH 5088 Tractor
IH 800 Air Planter, 4R
IH 5100 Grain Drills w/Depth Press Wheels
IH 435 Baler
IH 1190 Mow.-Cond.
NH 311 Baler
NH 425 Skid Loader
NH 892 F. Harv.
NH 718 F. Harv.
NH 363 Spreader
NH 0D100 Offset Disk - 12', 26"
NH Blades - $8900

USED EQUIPMENT

IH 3388, 2+2, Low Hrs.
NI 212 Flail Spreader
NI 213 Spreader
IH #15 Hay Rake
IH 510 Drill, 16x7, D.D. Openers
JD #50 Tractor w/mtd. Picker, Good
IH 1440 Combine
IH #8 Flail Chopper
JD #336 Baler, w/Kicker, Like New

FARM EQUIPMENT

Let Us Know
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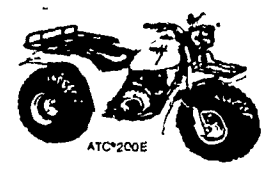

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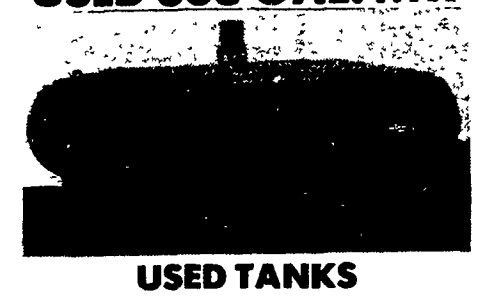

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Wanted to buy - used milk tanks, 400 gal. and larger. 800-558-0112

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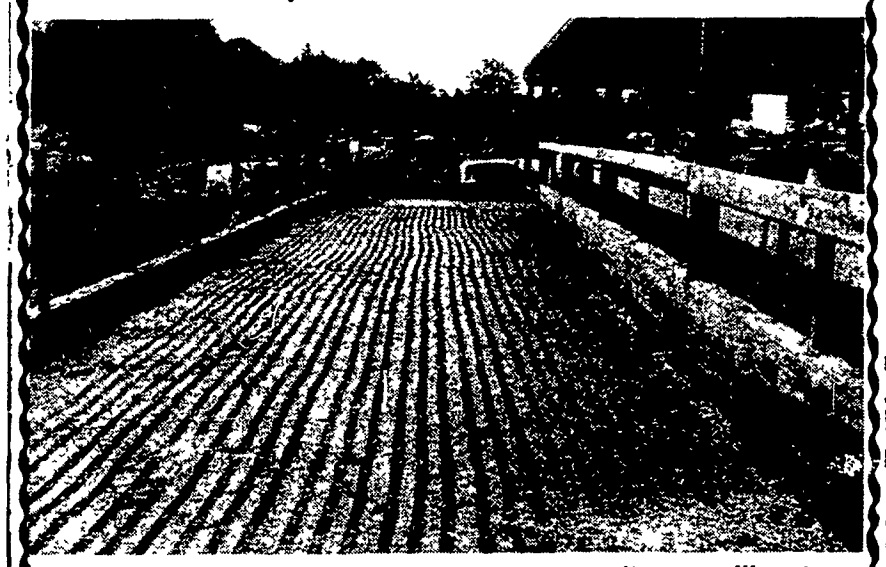

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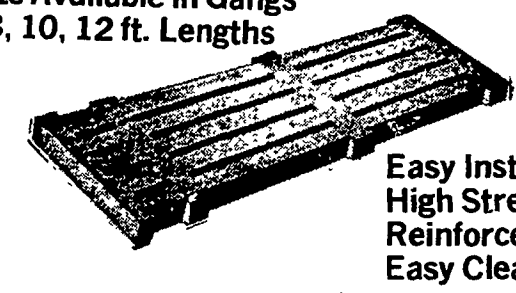

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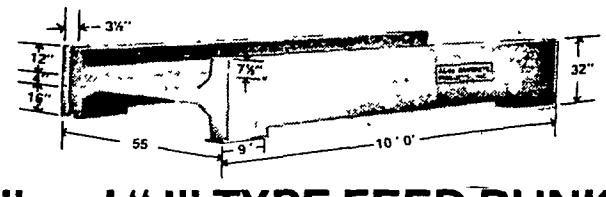

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For Sale - 12 reg. Holstein cows, sires include Elevation, Astronaut and Ivanhoe Star, bred AI, all 2, 3, 4 yr. olds, in various stages of lactations, group priced at $1200 or individually priced. 215-869-3502 after 6 p.m. Chester Co.

For Sale - Fresh reg. Holstein first calf heifer. 215-295-5319

For Sale - 4 3 yr. old cows, best record of the 4, 305D, 19,980M, 938F, 1 bred heifer, all cows due within 1 month. Glen-Ett Farm, Juniata Co. 717-527-4772

For Sale - Reg. service age Holstein bulls, #1 - Pete son out of 3 generations VG and over 23,000M. #2-Astronaut son out of Marvex, NC, next 3 generations VG or EX over 22,000M. Also springing Reg. Holstein heifer for sale. Shelmar Acres 717-653-5663 Lancaster Co.

Reg. Jersey cow, priced to sell, 10 head, fresh and various lactations, some first calf heifers, certified and accredited herd. 814-398-8073

Small Holstein herd some A-1 sired just fresh or close springers, good udders and health charts $750-$1000 717-263-5702 or 264-4298

For Sale - 13 Bred Holstein heifers, vaccinated, tested, due to freshen soon. M. Button 1-717-965-2492 after 6 p.m.

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Reg. polled Hereford bull, exc. bloodlines and steers for sale. 215-696-4730, 692-7527

Polled Herefords - 6 bred heifers, 20 cows, due early spring. Chester County. 215-269-1994 evenings

Board heifers - have room to board 50 grown heifers, prefer not more than 2 owners. 215-593-6488

For Sale - 30 Large Holstein heifers, ready to calve. Will trade on smaller heifers. 215-593-5665

For Sale - 2 registered springing Holstein heifers, one Canadian bred Moch Four, on 12/30 to UK Sensation, second one Trump from VG 85 pt. Jet Jet stream, due Jan. 11 to Gemini. Both heifers are calfhood vaccinated. 814-793-3320

Wanted - Herd of good dairy cows around Feb. 83, Also need some used rubber mats. 717-899-6121 Mifflin Co.

For Sale - Reg. Service age bull, sire Jemini, dam Very Good Fleetridge Monitor w/24,000. Bull is a full brother to 9H750 at Sire Power, price, $900. Juniata Co. 717-535-5815

For Sale - Registered Simmental Polled Bull sired by Renz. Also seven brood cows due in Spring and Three Heifers. 717-334-7565

2 large Holstein heifers sired by Atlantic bulls, due late Dec. early Jan. 717-367-3419.

CATTLE

For Sale - Young Registered bull, sired by top butterfat bull in nation, dam is EX w/records to 26,773M, 1071F. Must sell. Best offer. 717-354-8915

Purebred Angus bull, 14 months, growthy, ready to use, no registration, certified and accredited herd. 717-467-2746

Reg. Holstein heifer, sire-Elevation Fagan, 5 mo. old. $550. 717-665-3860

CATTLE

Registered Holstein 2 year old Jet Stream by Jemini, just fresh F.F.A. project DHIA first test 70 lb., $1,500/best offer. 215-286-5749

4 reg. Holstein heifers due Jan. Sired by Tex, Jemini and Diamond Kingman. From certified herd from dams to 22,000M. 717-653-5837

Three Guernsey heifers, six Guernsey cows, all springing, vaccinated. 215-269-1994 eves.

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For Sale - 1 pair blond sorrell work horses, 2 yr old, been worked. 717-656-6712

For Sale - 3 yr. old black with white star on face Percheron stallion. Ira Z. Stoltzfus, RD #8, Box 191, Danville, Pa. 17821 Montour Co.

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2 pair of 4 & 6 yr. old work horses, ready for work, also 6 yr. old logging horse w/harness. 717-656-9548

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For Sale - Spotted bred gilts, Chester White, Spotted boars and open gilts. Delivery available. James Parlett, Airville, PA 717-862-3610

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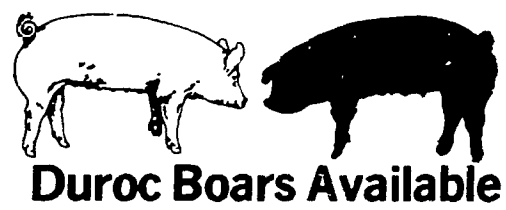

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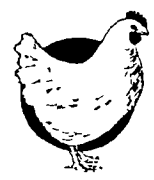

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2-4	York	169	10
3-1	York	166	11
5-4	Hamp	175	7
2-4	Hamp	177	10
3-8	Hamp	184	12
3-11	York-Hamp	162	11
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At present we are sold out of large square Hesston bales, but we do have available small bales of grass hay w/a little alfalfa mixed in and third cutting alfalfa in small bales.
CALL FOR PRICES
Also available 200 to 400 tons of excellent quality haylage, testing 16.5% protein and 63% TDN, paltability is excellent, $35 per ton loaded.
DELIVERY AVAILABLE
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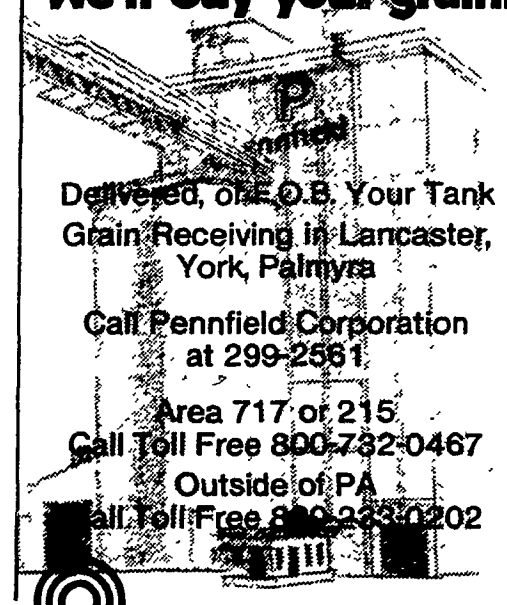
We'll buy your grain.



Delivered, or F.O.B. Your Tank
Grain Receiving in Lancaster, York, Palmyra

Call Pennfield Corporation at 299-2561

Area 717 or 215
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SOYBEAN MEAL
48% $235 per ton
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CHICKEN MANURE
For Sale
Delivered in trailer or straight truck lots. Covering MD, DE, NJ and PA.
Test analysis show analysis up to 33-69-32.
"Better Than Fertilizer"
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FERTILIZER

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Dry fertilizer attachments for Holland transplanter $525 for both, new cond., 717-587-4839

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Delivered within 100 mile radius of Harrisburg, in 15 ton loads.
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USE POULTRY MANURE AND SAVE FERTILIZER DOLLARS
- Fertilize before small grain seeding
- Disc or plow under on next year's corn ground.
- Top dress pasture land.
- Add organic matter to soil.
- Inexpensive source of nitrogen.

★ You Call - We Haul

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LIME
100% thru 100 mesh 45% CaO, 80% CaCO3 3% Potash, USDA tested and proven. ENP=80. Only $4.00 per ton F.O.B. Bangor, Penna.

LIME
Granulated, dust Free 54% CaO; 96% CaCO; university tested and proven. $10.00 per ton F.O.B. Baltimore or New Jersey.

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MUSHROOM SOIL
1000 bu. load @ $80 per load
Poultry Manure Also Available
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J.C. Ehrlich Co., Inc. Termite, Pest, Rodent and Smoke control. Lawn and shrubbery spraying. Free estimates. 1278 Loop Road, Lancaster, Pa. Phone 717-397-3722.

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Hauling for tri-axle dump truck, up to 46,000 lbs.
Will haul; sand, stone, ear corn, small corn, peanut hulls, etc.
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Reduce losses and promote herd comfort with regular hoof trimming.
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Roofing, Siding
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No Job To Small.
Low rates.
Quality Workmanship
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Farm and home construction. All types of buildings, masonry, concrete repair work. Will travel. Free estimates. I.S. King Co. 717-284-2665

Carpentry and Masonry work on pole, frame and block buildings. Write Aaron K. Smucker, Strasburg RD #1, Box 188, 17579, 717-786-2528

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York, Lancaster & Northeast MD
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HELP WANTED

Dependable, reliable, settled person to live-in w/elderly lady. Room, board and good wages, York Co. Send replies to Lancaster Farming, P.O. Box 366 R-35, Lititz, PA 17543

Experienced jugging plant operator in Maryland's Eastern Shore. Good salary depending on experience. Opportunity to invest in operation available. Call 301-957-1399

Wanted - Experienced person to work on dairy farm, must know how to milk and have driver's license. Can furnish room and board for single person. Peila Brothers, 364 Bidweol Street, Manchester Connecticut, 203-643-7405

Experienced dairy farm hand needed. Housing provided. Call before 6 p.m. 215-253-2722

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Concrete manure tanks above and below ground. Will design and build to fit your needs and condition. D.E. Stoltzfus Construction Company Fleetwood, PA 215-944-0404

We custom build double chain wooden feed conveyors and tapered board feeders. We welcome dealer inquiries. Samuel K. Stoltzfus, 550 Beechdale Road, Bird-in-Hand, Pa. 17505

Custom hire the following services this spring rather than buying expensive new equipment; chisel plowing, disking, conventional and no-till corn, soybean, and forage planting. Can handle large acreage in Chester and Delaware Counties. Call 215-946-4407 or 215-459-4711

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"WANTED Salesman for established wholesale farm equipment and lawn and garden distributor. To travel northeast quarter of Pennsylvania calling on Farm Equipment dealers. Write P.O. Box 366 J-257 c/o Lancaster Farming, Lititz, Pa. 17543

Commission Sales - Young, growing company needs full and part time Ag oriented individuals to consult and market to farmers. Full dimension of crop and livestock nutrients plus consulting and labratory analysis. For personal interview send resume: Ag Consultant, PO Box 24477 Indianapolis, Indiana 46224

Sheep and beef farmer needs cook and help working farm. Must be 18 yrs. or older, willing to live in. Will answer all replies, write to Lancaster Farming, PO Box 366 D-22, Lititz, PA 17543

Experienced salesperson with knowledge of milking, dairy equipment and dairy operation. 717-273-6232

HELP WANTED

Married person to work on steer and crop farm. Must have experience operating modern farm equipment and be able to repair and maintain machinery. Modern house and benefits. References required. 215-869-2527. Chester Co.

Housekeeper. Full-time. Non-smoker and non-drinker. Live-in housekeeper. Permanent home to right person. Practical nurse experience helpful but not necessary. Room, board, benefits and salary. Send references to Lancaster Farming, P.O. Box 366 J-256, Lititz, PA 17543

SOIL CONSERVATIONIST
Person with degree in soils, agriculture or nautral resources to prepare farm conservation plans and review sediment control and storm water management plans. Experience in agriculture preferred. Salary range - $11,000 to $15,000 commensurate with experience. Send resume to: Baltimore County Soil Conservation District, 9811 Van Buren Lane, Cockeysville, Maryland 21030.

Working horseman with small family for Broodmare farm in MD. Excellent working conditions, new house.
Write Box 68
Butler, MD 21023

HELP WANTED
Sales person with dairy background. Experience to operate a route supply truck from farm to farm. Good benefits, salary plus commission, Capable of earning $15,000 to $25,000 per year. Area covers southeastern Penna.
Write P.O. Box 366 J-261
c/o Lancaster Farming, Lititz, Pa. 17543

SALES MANAGER POSITION
Aggressive, creative and highly motivated person to manage the marketing and sales of forage management systems. Basic responsibilities implement our marketing plan and recruitment and train sales persons. Must have sales management experience and a background in animal nutrition. Salary commensurate with experience. Inquiries held in strict confidence. Call or write Richard L. Weaver, Keystone Energy-Pak Systems, Inc., P.O. Box 266, Myerstown, PA 17067, Phone 717-866-5708.

We Have Openings For Experienced Farm Equipment Associated Persons.
- Business Management
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  Engines - Gas & Dsl., Hyds. & Electrical

Applicants Must Have Tools, Basic Experience & Ambition To Work.
We Will Finish Training.
Please Send Resumé To:
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Building & Remodeling
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Paneling——Cabinets
Can stain wood doors and trim to match paneling.

HELP WANTED

Experienced couple for family dairy farm in Syracuse area, references, 315-673-2128 after 7 p.m.

Wanted - working herdsman for 50 cow Holstein herd, capable of taking over in the near future, pipeline milking. 717-529-2396

GOVERNMENT JOBS Immediate openings. Overseas and domestic $20,000 to 50,000 plus a year Call - 1 (312) 931-7053 Ext. 1370A

SITUATIONS WANTED

Experienced family man desires milking and field work on dairy farm. Have 2 cows and 21 heifers to put with herd. Would like to increase my herd while working for you. Phone 717-264-7145 anytime.

Young married couple seeks position on dairy farm, reference available. Call 215-267-7205

JOB INQUIRY

Need someone to take your place on the farm so you could concentrate on service or study for a year or two? Paul and Esther (Hoover) Bucher are looking for a two to three year job on a farm in the Lancaster County area before going overseas again. They would prefer a situation where their labor could enable someone else to have time for service or study. They had the experience of operating the family farm between terms of service in Vietnam and Indonesia in addition to graduate study in agriculture. Minimal remuneration is open to discussion. Please contact John Bucher, 118 Main St., Salunga, PA 17538. They expect to return to the US in May 1983.

SITUATIONS WANTED

Christian young man, 21, desires job on farm or Ag Business. Experience in dairy, poultry and also feed mill. Call after 5 717-266-7153

Wanted - first mortgage money. Write PO Box 366 J-260 c/o Lancaster Farming, Lititz, Pa. 17543

BUSINESS OPPORTUNITIES

Excellent Opportunity to sell all kinds of Lancaster County products. Space available at the Indian Walk Farmers Market and Country Shops. Located in central Bucks County. Call 215-493-9400 or write Sam Willard, Rt. 313, Fountainville, PA 18923

BUSINESS OPPORTUNITIES

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Looking for contractors to erect Quonset Style Buildings.

Call Stephen
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Looking for a business of your own - outdoor work w/power equipment? Contract fence builders are needed for the new type of livestock and predator control fences. High tensile wire fences - by KENCOVE! Secure, long lasting, economical and easy to install. The Fences of the future. Good profit potential. We can help supply job leads for you.

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TRUCKS & TRAILERS

1975 Chevy Crew Cab pickup ¾ ton. 215-484-2517

1972 Ford LN 9000 triaxle, 318 engine, 10 speed, new 10x20 19' aluminum bed, 800 bushel capacity, excellent condition, must sell. 215-869-3375 after 8 p.m.

'69 Chevy dump, new motor, good cond., $3000. 717-428-2748

TRUCKS & TRAILERS

1981 Dodge 150 Custom SE, ½ ton pickup, 6 cylinder, 3 speed overdrive, PS/PB, two-tone paint, $5,450. 717-733-2873

For Sale - 1954 3600 Chevy truck 4 speed wraparound windows, stake body inspected 4 good tires, original engine runs like a top. Takes very little body work to restore. Make offer. Call 215-488-6315

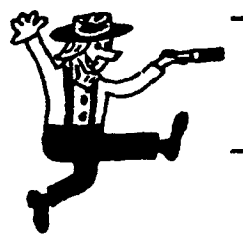
TRUCKS & TRAILERS

'74 IH cabover sleeper, 318 Detroit, twinscrew, low mileage, 10:20 radial tires, sliding 5th wheel, PS, $9,500. 215-286-9510

For Sale - 10' wood livestock body; 12' wood livestock body; 16' wood livestock body; 20' wood livestock body; 21' wood livestock body. New 1983 Eby 20' goooseneck trailer. M. H. Eby, Inc., Blue Ball 717-354-4971.

Hostetler Truck Bodies & Trailers

Rt. 322, Milroy, Pa. 17063 717-667-3921



Livestock Trailers
Grain & Dump Trailers
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Grain & Livestock Bodies
Stake & Contractor Bodies
Utility or Service Bodies

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Knapheide - Moritz - Hillsboro - Feather-lite

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(2) 1980 Fruehauf 42'x13' van
(2) 1979 Strick 42'x13' van
(1) 1979 Trailmobile 42'x13' van
Choice of any three for $8,500 each.

1964 Heil 5500 gallon liquid fertilizer tank trailer, as is, $1,500

1978 IHC COF 4070 Transtar tandem tractor, Formula 350, 9 speed, PS, AC, 1,000x20 tires, 333,000 miles, as is, $14,500.

Contact Bob Winther
Delaware Express Co.
Elkton, MD
301-398-1733

AUTOMOBILES

Suzuki, 1980 GS450T, maroon metal flake paint w/pin stripes, polyglycoat, star wheels, 6 speeds w/LED gear position indicator, storage compartment under seat. Many extras. Before considering spending $1000 more for 1982 bike, check this one out. Perfect condition, garage-kept, never intentionally rode in rain, sharp looking, $1300 negotiable. Call 717-285-3051 or 397-2093

'78 Lincoln Continental Mark V, 38,000 mi., like new. 814-793-2339

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TO HAVE YOUR TRUCK CHASSIS FRAME LENGTHENED OR SHORTENED
CONTACT WITTES TRUCK AND TRACTOR
301-829-0271

*1981 024 Omni 2 door, 15,000 mile
*2-1980 Colts, auto. and 4 speed
*1980 Chevy Chevette, 4 door, 30,000 miles
*1980 Mirada, loaded, 25,000 mile, like new
*2-1978 Diplomats, 2 door and wagon
*1979 W 150 4x4 Club Cab
*1973 Pick-up, 8 cyl., 60,000 mile
*1972 Volvo, 4 speed,
*1976 VW Rabbit

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Route 230 East Next to Shopping Center
Elizabethtown, PA
PHONE 717-367-1808

TRUCKS & TRAILERS

16' Olson Aluminum Kurbmaster Walk-In Van 8" extra width, 8" extra height, Skylites, Dome lites, 38" rear doors, two seats, insulated, paneled. 1977 CP31 HD Chevrolet Chasis. 3-speed turbo-drive, locking rear axle, 350 V-8. Power steering. Price $12,000. Phone 717-725-3748

1982 TriStar tri-axle trailer, 30' bed, 12.00x16 tires, with equipment ramps, $7200 or best offer, must sell 215-369-1211

1979 International 16 ft. grain tight bed with heavy duty dump 4500 mi., like new and camper top 8 ft. for pickup. 717-359-5953

Bo-Cat live bottom trailer, 13'6" high, 40' long, radial tires, good condition. 717-438-3354.

1981 Ford pick-up, 6 cyl., straight shift, extra good cond., 717-786-2839

1969 Chevy C40 truck, 12' stake body, 350 V-8 motor and 4 speed transmission, in good cond., $1,700. 301-836-1280. Harford Co.

For Sale - 1970 F-900 Ford w/22' Schwartz rollback bed; 1974 Econoline 100 w/4200 GVW load package. 717-649-5141 or 5551

IH dump, 1700 308 - 5+2, 12½' flat steel dump, w/2' sides, 9x20 mud and snow, 25,000 GVW, runs good, rubber and paint, northern MD 301-877-7015

For Sale - Used 1968 International 1890 truck with 12' body and hoist, 30,000 GVW. 717-648-2088

TRUCKS & TRAILERS

1974 Ford F100, ½ ton pick-up with load extender springs, custom deluxe, great condition, 2-tone paint, deluxe interior, air conditioning, power steering and power brakes, no rust, radial tires; $2500 negotiable; (717) 397-2093, 285-3051 or 301-666-8477

1982 Ford F150 Ranger XLT Lariet pickup, 6 cylinder auto., PB/PS, two-tone paint, 800 miles, $7,950. 717-733-2873

Army truck, GMC, all wheel drive, auto. transmission, 9:00, 20 tires, tandem axle, $2800. 609-769-3183.

'71 Brockway tri-axle dump, $13,500, real good cond. '75 Ford cattle truck, hauls 12 cows, $5,000, Grove self-unloading wagon $550, 717-432-2883, between 5 and 6 p.m.

Diamond T truck, new paint, new Cummins 205, 600 bu. capacity, reasonable 201-788-5689

TRUCKS & TRAILERS

'81 Chevy, heavy duty, ¾ ton, 4 wheel drive pickup, 350 4 speed, PS/PB, AM-FM, sliding rear window, 8600 GVW, regular gas, 8,000 miles, $8,250. 717-733-2873

16' All aluminum grain body, two way tailgate, removable sides, 8 months old. 215-285-6264

Need cash now! Six trailers, $975 each! 26' livestock gooseneck, 35' drop deck flatbed w/Beaver tail, 35' Fruehauf flatbed, 25' Trailmobile flatbed, 40' Fruehauf livestock, 40' Wilson pot (roof leaks). Also 40' aluminum stock trailer, $2,500. '69 White twin screw truck tractor, recent overhaul, $4,900. 1976 Chevy crew cab dually, $4,200. 1975 IH pickup, $475. 717-334-7724

For Sale - Bulk feed truck, '71 IH 1890 w/14' dump van, air brakes, excell., rubber. 33,000 GVW. Phone 717-784-4285 day or 717-784-6359 evenings.

1974 GMC bulk / bag feed truck.
33,000 lb. GVW, 16' van body, hoist & blower. 432V-6 engine, P.S., air brakes, 2 speed axle. New brakes & king pin. Fair shape. $8,500 or best reasonable offer.
Henry E. Martin & Sons, Inc.
Lancaster, PA
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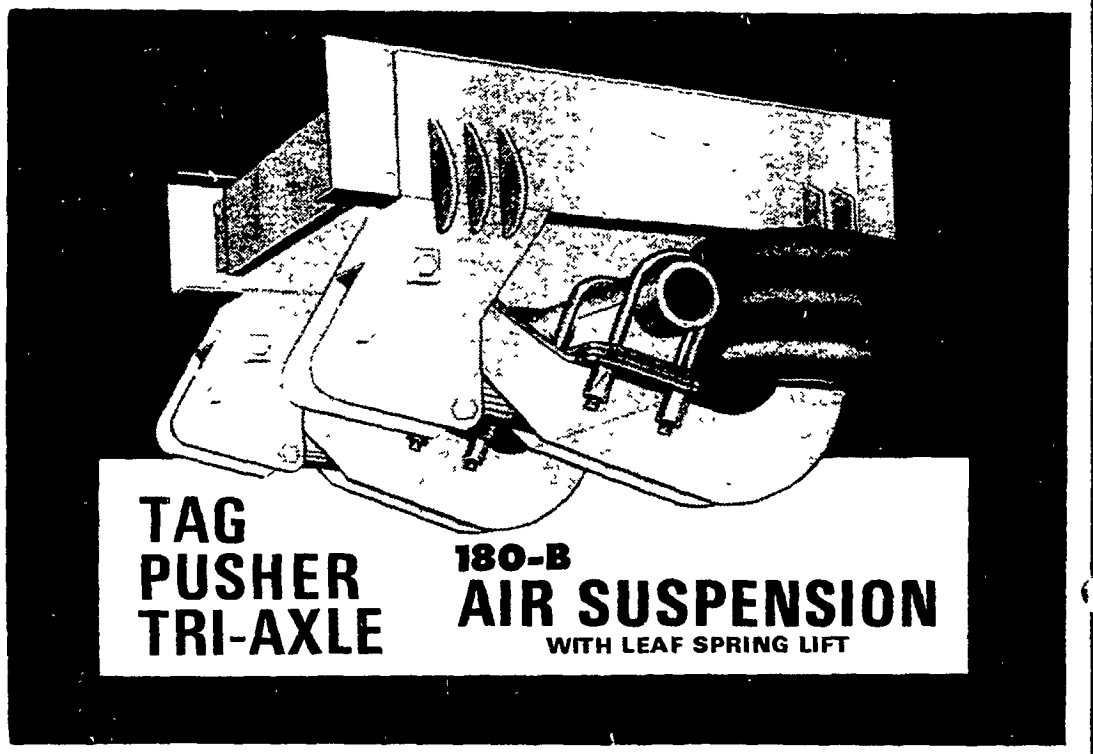
AIR SUSPENSION 180-B
OMAHA STANDARD TRUCK SUSPENSION



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WITH LEAF SPRING LIFT

FEATURES:

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- 2 Rubber Axle Seat Pads, To Absorb Twisting, Stress and Strain
- Weight - With Drop Axle, Hubs, & Drums 1350 Lbs.

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Located in the Village of Farmersville, Lancaster County
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Omaha Standard

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anted: Puppies, all eeds. Jack's Dog Farm, t. 611 Pipersville, PA 9947. 215-766-8802

uppies Warted - AKC, urebred, mixed, 296 S. intage Rd., Paradise, PA 7562 717-442-4259

TRUCKS & TRAILERS

PETS

Airedale Puppies - AKC registered, ready for Christmas. Extra large parents, hunting stock, obedience and companion, excellent temperament. Oldwick Farm, Corbett Road, Montgomery, NY 12549, 914-457-3859

TRUCKS & TRAILERS

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AKC reg. St. Bernard puppies, 6 wks. old, wormed and shots, also 6 mth. old male, 814-832-3201 or 814-832-2784

For Sale - Walker Fox hound, female, pup trainer, cold trailer, check dog, no deer. Phone 717-463-2842

TRUCKS & TRAILERS

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Blue Heeler puppies (Australian Cattle Dogs), purebred, wormed, shots, great workers, Starlight Farms, RD1, Salem N.J. 08079 609-935-2893

Australian Heeler pups for sale from good working parents, ready for delivery. 215-942-3187

TRUCKS & TRAILERS

PICK UPS

1980 Ford F250 Super Cab, 351 V8, Auto., PS, PB, AM Radio, 2 Tone Brown & Tan, 33,000 Miles $7995

1980 Chevy C10 Dsl., A, PS, PB, AM Radio, 27,000 Mi. . . . $6995

1980 Chevy C10 Custom, 260 6 Cyl., 3 Speed, AM Radio, 20,000 Miles $5995

1979 Chevy C-20 Cheyenne, Trailer Special 454 V8, Auto., PS, PB, Air, Tilt Wheel, Dual Tanks, AM-FM, 8200 GVW, 34,000 Miles $7495

1979 Ford F150 Custom, 300 6 Cyl., Auto., PS, PB, AM Radio. $5795

1979 Ford F100 Custom, 302 V8, 3 Speed, PS, AM Radio. . . $4995

1978 Chevy LUV, 4 Cyl., 4 Speed, AM Radio, Sliding Rear Window, Alum. Cap. $3995

1978 Datsun Pickup Long Bed, 4 Cyl., 5 Speed $3695

1978 Chevy C20, with Reading Utility Body, 292 6 Cyl., Auto., PB, New Paint $4895

1978 GMC Shortbed, 6 Cyl., Auto., PS, PB, AM-FM, Air Cond., Cap, 1 Owner Truck, 33,000 Miles $4995

1977 Chevy C10 Silverado, 350 V8, Auto., PS, PB, Power Windows & Locks, Cruise Control, Tilt Wheel, AM-FM, Dual Tanks, Sliding Rear Window, 2 Tone Paint. $4995

1976 Ford F100 w/Ford Fiberglass Cap, 360 V8, 3 Spd., PS, AM Radio. $3495

1976 Dodge D200, 360 V8, 4 Spd., PS, PB, Only 38,000 Mi. $3495

SUBURBANS

1979 Chevy Scottsdale 4 Wheel Drive Suburban, 400 V8, A, PS, PB, AC, AM-FM Radio, 31 Gal. Fuel Tank, Equalizer Hitch & Brake Pkg, Dk. Brown Metallic $8995

1973 Chevy Suburban, ¾ Ton, 350 V8, Auto., PS, PB, AM-FM. $1995

CAB & CHASSIS

1982 Ford, F350, 351 V8, 4 Spd., PS, PB, 137" Wheel Base, 10,000 GVW, Dual Wheels, 25,000 Mi. $8995

VANS

1982 Chevy Conversion Van, 6 Cyl., Auto., PS, PB, Air Cond., AM-FM & Tape, CB, only 7000 Miles - Like New. $15,900

1981 Ford E100 Econoline, 6 Cyl., Auto., PS, PB, AM Radio, Dual Tanks $6895

1979 Ford E250 12 Pass., 351 V8, Auto., PS, PB, AM Radio, 37,000 Miles $7495

1979 Dodge B200 Panel Van, 318 V8, Auto, PS, PB, AM Radio. $5495

1979 Ford E150 Econoline, 351 V8, 3 Speed Standard, PS, PB, AM Radio, 45,000 Miles . . $4995

VANS CONT'D

1979 Chevy 8-Passenger Beauville, 350 V8, Auto., PS, PB, Air Cond., Tilt Wheel, Cruise Cont., AM-FM Stereo, 33 Gal. Tank. $8995

1977 Dodge 8 Passenger Royal Sportsman, Trailer Special, 440 V8, Auto., PS, PB, Air Cond., AM Radio. $6995

1977 Chevy Short Wheel Base Window Van, 5 Pass., 350 V8, 3 Speed Standard, PS, PB, AM-FM & 8-Track $4295

4 WHEEL DRIVES

1982 Ford F150 XL, 302 V8, 4 Speed, PS, PB, AM-FM Stereo, Dual Tanks, Dk. Brown Metallic & Buckskin, only 10,000 Miles, Still Under Factory Warranty . . $11,500

1980 Chevy Blazer Silverado, 350 V8, Auto., PS, PB, Air Cond., AM-FM Stereo, Tilt Wheel, Lockout Hubs, 25,000 Miles. $9895

1980 Chevy Blazer, 6 Cyl., 4 Speed, PS, PB, AM-FM Stereo, Lockout Hubs. $8495

1980 Ford F150 Short Bed Step Side, 300 6 Cyl., 4 Spd., PS, PB, Sliding Rear Window, Lockout Hubs, AM-FM & Tape, Tonaeu Cover, 32,000 Mi. $7995

1979 Dodge Ramcharger, 318 V8, Auto., PS, PB, AM-FM . . . $6995

1979 Chevy Blazer, 350 V8, Auto., PS, PB, Air Cond., AM Radio, Rust-Proofed, 2 Tone Paint. $8495

1979 Ford Bronco Custom, 351 V8, Auto., PS, PB, Air Cond., AM Radio, 34,000 Miles, 2 Tone Red & White . . . $8695

1979 Dodge W150 Pickup, 360 V8, Auto., PS, PB, AM Radio, Cap, Very Clean. $6995

1979 GMC Jimmy, 350 V8, A, PS, PB, AM Radio, 2 Tone Black & Silver $8295

1979 Chevy Scottsdale 4 Wheel Drive Suburban, 400 V8, A, PS, PB, AC, AM-FM Radio, 31 Gal. Fuel Tank, Equalizer Hitch & Brake Pkg., Dk. Brown Metallic $8995

1979 Ford F150 Custom, 351 V8, A, PS, PB, AM-FM, Lockout Hubs, 22,000 Mi. . . . $7995

1978 Chevy C-10 Scottsdale, Shortbed, 350 V8, 4 Speed, PS, PB, AM-FM & Cassette, 2 Tone Maroon & White $6995

1978 Dodge Ram Charger, 318 V8, Auto., PS, PB, AM Radio, All Black w/White Spoke Wheels $5995

1978 Plymouth Trailduster, 360 V8, Auto., PS, PB, AM Radio, Chrome Slot Wheels, 2 Tone Maroon & Silver, 39,000 Miles. $6995

1977 Dodge Shortbed, 318 V8, Auto., PS, PB, AM Radio. $4995

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PETS

Border Collie pups, purebred. 717-626-4840

500 pups wanted on March 1, 1983. I need cute, healthy pure and mixed breed pups, 6-8 wks. old. Contact Jo Jo the Dog Man at Root's Farm Market, Manheim, Pa on Tues. March 1, 1983, 5-8 p.m. $50 prize for the cutest pup purchased. P.S. Puppy stand closed January and February. Do not bring any pups to Root's as there is no puppy buyer there. Thank you. Jo Jo.

AKC Registered Miniature Schnauzers, classic blacks, shimmering silvers, males, females, champion bloodlines, show quality. 717-285-3023

HOUSEHOLD GOODS

For Sale - Prizer Cook Stove, excellent shape. 215-593-5754.

MISCELLANEOUS

Meat grinders, band saws, slicers and tenderizers. Also new splitting saws for only $249. Gerry Grundy, Doylesburg, PA, on Rt. 75, 200 yards north of Rt. 274. Open Saturday and Sunday 10 A.M. - 4 P.M. 717-349-7654 or late evenings 215-549-7584

Wanted - Old toy trains Lionel American Flyer Ives Marx. Top prices. 609-654-0697

Mobile processing jugging plant in 8'x40' trailer, excellent condition. Ideal for individual farm or custom work. Diesel motor, 2-3 gph. Call 301-957-1399

76 Flyers snowmobile, in good cond., 717-656-6088

For Sale - D.K. Lumber, Oak, Poplar and Maple. Also Pallet Lumber. 717-539-2436 or 717-539-8666

For Sale - Warm Morning coal stove, good condition. Call 215-273-3698.

MISCELLANEOUS

FOR SALE - New and used automatic washers, dryers, gas and electric refrigerators, ranges, used wringer-engine washers, new bedroom furniture. Open 7:30 to 4:30; Saturday, 7:30 to 12:00; evenings by apointment. Myer's Washer-Dryer, Rt. 772, between Brownstown and Leola. 717-656-7169

PHASE CONVERTERS RUN 3 PHASE MOTORS ON SINGLE PHASE IN STOCK 1½ TO 10 HP. AND UP ON SPECIAL ORDER. FOR MORE DETAILS PHONE 717-676-4504

Sawdust for sale and calf hutches built. 717-432-2415 or 2883

New and used steel and plastic drums for Kerosene and cider. Reliable Recyclers, 717-656-4211

Steel Roofing 20 yr. WARRANTY $42.95 deliver, 35KWAC brushless standby with pto cart KD 40% off, 3½KW for lawn garden tractors $275.00, 12KW $590.00, 45KW with PTO $165, drill press 5/8" chuck, water bowls $23.90, ¾" drive socket set $50.00, good 8 barn windows aluminum 34"x46" $19.00 with glass. 215-445-5309

Gas refrig., 6.4 cu. ft. Servel, 4 ice trays, new gasket, $200. Frigidaire 9 cu. ft. with 3 cu. ft. freezer, new gaskets, $150. Elec. heater, $35. Upright piano, $200. Recond. typewriter, $15. 7 dwr. wood knee hole desk, $20. 2 tires GR-78-15 black, $5 ea. Bicycle carrier, $5. Snow pusher, $3. Earth auger, $5. 9x12 green outdoor carpet, $35. 27"x54" sculptered green rug, $10. Call Gloria Haller eves. or weekends for appt. 717-397-3869

Locust posts for sale, 7' long, split, $1 and $2 a piece. 717-252-2272

15 acres of tobacco, 1982 crop, 717-898-2886

MISCELLANEOUS

ATTENTION: Mennonite Your Way Tour to Florida, February 14-23. Includes visits to St. Augustine, Space Center, Cypress Gardens, EPCOT, Mennonite church and camp. Complete itinerary available. Box 1525, Salunga, Pa. 17538. Phone 653-9288

WORK GLOVES Intro. Special! 6 pair brown jersey or 3 pair yellow fleece for only $5.00 ppd. with this ad. Plus our catalog of other gloves and many money-saving, useful products. KAYCO, Box 29024, Dept. LF., Brooklyn Center, MN. 55430

Used galvanized and black pipe, ½, ¾, 1½ and 2", good for pens, gates, etc. Also brass gate valves in same sizes. 717-872-5924

For Sale - Tractor tires 2/124-11-38 $100/each, 2/600-16 $30/each, steel wheel wagon w/flatbed horse/tractor hitch $300. 215-445-4893 after 4:30

Wanted to buy - cold storage walk in unit or truck with 400 to 500 cubic foot capacity. Susquehanna Co., 717-434-2686

Remarkable Berg outlasting barn cleaners and new split chute. New rugged chain. I will pay $1.50 per ft. for worn out chains with a Berg dependable chain. Better yet $4.50 lower per ft. than competitors. Nickel chrome outlasting chain, air ventilation, water bowls. 215-445-5309

1980 Polaris Centurion, low mileage, good cond., 717-428-2748

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